December 20, 2017

Mr. Steve Spurlin
On-Scene Coordinator (OSC)
U.S. Environmental Protection Agency (EPA), Region 4
61 Forsyth Street, SW, 11th Floor
Atlanta, Georgia 30303

Subject: Letter Report (2017 Removal Action)
Chromcraft Plating Site, B49C
Senatobia, Tate County, Mississippi
Contract Number (No.) EP-S4-14-03
TDD No. TT-01-061

Dear Mr. Spurlin:

The Tetra Tech, Inc. Superfund Technical Assessment and Response Team (Tetra Tech START) is submitting this letter report summarizing activities conducted from November 2016 through October 2017 at the Chromcraft Plating site (Chromcraft) in Senatobia, Tate County, Mississippi. This report includes four Enclosures. Enclosure 1 contains a site map; Enclosure 2 contains a diagram of the Waste Water Treatment System (WWTS); Enclosure 3 contains the analytical data packages; Enclosure 4 contains the photographic log; and Enclosure 5 contains the logbook notes.

SITE BACKGROUND

The Chromcraft Plating site is located at One Quality Lane, Senatobia, Tate County, Mississippi and is situated in a commercial area of Senatobia (see Figure 1).

Chromcraft was a furniture manufacturing facility that went bankrupt and ceased operations in 2014. Historic operations at the Chromcraft site included a plating process and a foam production process that utilized and generated hazardous substances, including chromic acid, sulfuric acid, toluene diisocyanate, and various cyanide compounds.

An emergency response was initiated at the bankrupt former furniture manufacturing company due to the fact that chrome and nickel plating-related wastes were abandoned at the site. Due to the volume of waste and threats posed by the waste, EPA conducted a Superfund Time Critical Removal Action.

DESCRIPTION OF THREAT

In excess of 100,000 gallons of liquid and sludge suspected of containing hazardous substances were abandoned at the property. Caustic and acidic liquids, cyanides, and chromic acid remained in the plating vats and associated piping. The plating equipment was deteriorating due to exposure to the chemicals and lack of maintenance. By draining out of several openings through the walls, releases from the plating vats could impact the soils outside the facility.

1955 Evergreen Blvd., Suite 300, Duluth, GA 30096
Tel 678.775.3080 Fax 678.775.3138
www.tetratech.com

Releases from vats, process equipment, or other containers could expose nearby workers and individuals (though Chromcraft is bankrupt other companies utilize various areas of the property) via direct contact or inhalation of poisonous vapors. Approximately 100 lab chemicals and 60 drums of suspected waste material remained at the site that could potentially expose workers and the environment. Over 100,000 gallons of suspected hazardous waste was stored in the former wastewater treatment system (WWTS). The integrity of the WWTS was unknown. Releases from the system would impact soils and potentially enter Hickahala Creek, Northeast of the facility.

PELIMINARY REMOVAL ASSESSMENT AND REMOVAL SITE INSPECTION

On November 1, 2016, the EPA Emergency Response, Removal, and Prevention Branch (ERRPB) arrived at the site to initiate a Removal Site Evaluation. Deteriorating drums, containers, plating equipment, and a WWTS containing hazardous substances was observed. An emergency response was initiated by Mr. Steve Spurlin, the EPA ERRPB On-Scene Coordinator (OSC).

REMOVAL ACTION

Under an emergency task, an EPA ERRPB contractor [KEMRON Environmental Services, Inc. (KEMRON)] mobilized to the site on November 2, 2016 to further assess the plating liquid vats and the WWTS, as well as to contain and secure drums and containers. The emergency actions were completed on November 4, 2016. Due to the volume, nature, and threats posed by hazardous substances at the site, EPA decided to conduct a time-critical removal action. A Ceiling Increase Action Memorandum documenting the threats that remained at the site was signed January 11, 2017. The EPA contractor was tasked with additional work to address the threats documented in the Ceiling Increase Action Memorandum. The removal work was conducted in a phased approach that addressed the highest priority threats at the site first.

RESPONSE ACTIONS

KEMRON was tasked to address the threats identified at the site. KEMRON and Tetra Tech START began work at the site on November 2, 2016. Field testing was conducted and 18 samples from the vats and four samples from the WWTS were collected for analysis at an off-site lab. Initial emergency response actions were completed on November 4, 2016. The analytical data packages can be found in Enclosure 3.

The removal work was conducted in a phased approach that addressed the highest priority threats at the site first. During the phased approach, many of the operations were conducted concurrently. The phases included the following: lab and drum container identification, segregation and disposal; WWTS tank content removal, clean-out, and disposal of associated waste; on-site reaction of the toluene diisocyanate; and cleanout of the plating vats, filters, sumps, and disposal of associated waste. The primary work was completed on September 27, 2017 and final demobilization of equipment occurred on October 6, 2017.

WASTE WATER TREATMENT SYSYEM

During the week of April 3, 2017, KEMRON pumped an estimated 35,000 gallons of suspected rainwater and sludge from the Sludge Tank, Tank A, and Tank B of the WWTS. Water and sludge was pumped to two on-site frac tanks. Water was decanted from the frac tanks and the sludge was removed and solidified. Enclosure 2 contains a diagram of the WWTS.

Waste Water

On May 18, 2017, EPA and Tetra Tech START collected a sample of the wastewater stored in two frac tanks. The water, with an estimated volume of 35,000 gallons, was generated by slowly decanting suspected rainwater from the WWTS. The sample was analyzed for parameters specified by the City of Senatobia because the initial approach for wastewater management was to discharge to the city's treatment facility. After receiving the sample results, EPA reviewed the data and determined that detected constituents were far below industrial screening values or waste categorization concentrations. Since the water was not process water, it did not fall under the Resource Conservation and Recovery Act (RCRA) waste codes for plating waste. The EPA OSC decided to use the water for onsite dust suppression. Approximately 30,000 gallons of water was dispersed. A water truck was used to disperse the water on the parking lots of the site. Due to elevated summer temperatures, the water rapidly evaporated and no runoff was allowed. The analytical data packages can be found in Enclosure 3.

Waste Water Treatment System Sludge

On June 19, 2017, KEMRON mobilized to the site to begin sludge removal and cleaning of the WWST. Personnel entered the WWTS as a permitted confined space on a supplied air system. An air mover vacuum unit was utilized to remove water and sludge.

WWST cleanout activities began with the removal of an estimated 10,000 gallons of wastewater from the tanks. An attempt to dewater this slurry using a dewatering box was unsuccessful and the waste water was pumped into an on-site frac tank. EPA determined this material was too contaminated with process waste to use as dust suppressant. Next, decontamination of the Clear Water Tank, Sludge Tank, Overflow Tank, Tank A, and Tank B was undertaken. The Polished Water Tank was determined to not require cleanout. The cleanout of the entire WWTS was completed in August of 2017. Enclosure 2 contains a diagram of the WWTS.

The sludge from the WWTS, and the approximately 10,000 gallons of wastewater held in the frac tank, was transported to an on-site solidification area where it was solidified using either Portland cement or another drying agent. The solidified waste was sampled for waste characterization. Following completion of solidification, the waste was staged and covered onsite until a disposal transport schedule was finalized. Initial transport of the solidified sludge material began on July 10, 2017 and was completed on September 22, 2017. Approximately 254.08 tons of solidified waste was transported to Waste Management's Emelle, Alabama facility.

PROCESS VATS

Liquids

A total of 42 vats were associated with the plating process. Some of the vats were empty or contained similar waste. On December 20, 2016, the EPA, KEMRON, and Tetra Tech START conducted field sampling of Vats 1, 2, 3, 4, 8, 9, 10, 11, 12, 13, 16, 17, 21, 22, 28, 30, 31, and 32.

On April 5, 2017, the EPA, KEMRON, and Tetra Tech START mobilized to the site to setup and prepare for the transfer, transport, and disposal of liquids in the plating vats.

The material from each vat that contained pumpable liquids was pumped to tankers for transport to Waste Management's Emelle, Alabama facility or to Capital Environmental Services, Inc. (Capital), Baltimore, MD facility for disposal. Liquids from sumps, catches, filter containers, and associated lines were removed and placed in a vat with compatible waste prior to or during transfer of liquids to a tanker. The transfer of vat liquid to tankers for transport was completed on April 13, 2017. Vats containing similar liquids were combined to complete a load. Smaller volumes of liquids in vats did not justify using a tanker and were placed in totes and shipped off site with the drums and other containers for proper disposal. Approximately 28,308 gallons of waste was transported and disposed of by Capital. The analytical data packages can be found in Enclosure 3.

Vat Sludge

The sludge remaining in vats was solidified to the extent practicable to minimize future migration and to allow for the removal of vats from the containment area without spilling the contents. Once a vat was staged at the decontamination area, all sludge was removed and the vat decontaminated. Vats containing similar sludge were combined and placed in a roll-off box to ensure a full load was transported for disposal. All sludge was solidified with a non-hazardous solidifying agent to dry the sludge sufficiently to allow transport via a roll-off.

The residual solid material in the vats, now staged outside the vat containment area, were sampled on July 10, 2017 and analyzed for Toxicity Characteristic Leaching Procedure (TCLP) RCRA metals, reactive cyanide (CN) and sulfides, TCLP nickel, flash point, and pH. On July 17, 2017, the EPA, KEMRON and Tetra Tech START returned to the site to initiate the cleanup of vats and associated process equipment. Based on the waste characterization sample results, the following vats were designated with the following primary waste codes: Vat 1 –RCRA waste code D007 (chrome); Vats 2, 3, 4, 8, 9, 10, 11, 12, 13, 16, 17, 18, 19, and 20 - Non-Hazardous; Vats 22, 23, 24, 30, 31, 32, 33, 34, 35, 36, 37, 38, and 39 - RCRA waste codes F006, F007, F008, and F009. Vat solids with similar waste codes were consolidated for disposal. Approximately 72.61 tons of solid hazardous waste was disposed. The analytical data packages can be found in Enclosure 3.

Vat Decontamination and Vat Containment Area

Each vat was removed and placed at a staging area for the removal of residual solid material. A manual dry decontamination of the vats was preformed and the residual material was manually removed with hand tools and a Guzzler vacuum truck. Similar materials were removed from the vats were placed in the appropriated roll-off box for the waste stream.

When a vat was removed, residual material from past operations remained in the location of each vat within the containment area. The containment area and associated sumps were dry decontaminated manually with hand tools and a Guzzler vacuum truck.

Macro Encapsulation

Vats 22, 23, 24, 25, 30, 31, 32, 34, and 35 contained residual F006, F007, F008, F009, and cyanide-contaminated plating waste that posed potential cleanout and decontamination issues. Past experience with similar vats revealed this type of vat is difficult and costly to clean due to the penetration of the waste through the liner and into the vat interior metal. The EPA determined that the best approach for addressing these vats, residual solids, piping, and filters was to macro-encapsulate the vats and other waste at an approved Subtitle C landfill. KEMRON utilized track hoe-mounted shears to cut, size, and place the vats and piping to fit into a pre-prepared, designated permanent box. The whole box was then transported and buried at the Waste Management landfill in Emelle, Alabama. Nine macro boxes containing F-listed waste and cyanides were disposed, approximately 160 tons.

Drums and Containers

As part of the November 2, 2016 emergency response, the cyanide drums, as well as other drums with proper labels and markings, were over-packed and secured. Other drums and containers collected from the entire facility were identified through hazardous categorization and staged into similar groups on February 15, 2017. Initial inventory identified approximately 75 containers (5-gallon to 85-gallon containers) and approximately 50 lab chemicals. A field chemist was utilized to identify, categorize, and consolidate the larger containers and lab chemicals. The consolidation resulted in a total of 41 drums and containers, suspected to contain hazardous substances, placed in a waste category and profiled for disposal. The containers of oils, paints, cyanides, corrosives, and plating-related hazardous waste were shipped to aCapital disposal facility.

Toluene Diisocyanate (TDI) and Polyol Tanks

During the facility's operation, toluene diisocyanate (TDI) was mixed with a non-hazardous liquid called polyol to produce foam for furniture cushions. Due to the nature and hazards posed by the TDI, and limited options for off-site disposal, the EPA determined the best option was to react the two materials on site and create a non-hazardous foam. Batches of an estimated 11,500 gallons of TDI were slowly mixed with a mixture of polyol and water over a period of time. The reaction generated non-hazardous foam material, which was loaded onto roll off boxes and transported to Waste Managements Tunica disposal facility.

SUMMARY

Chromcraft was a furniture manufacturing facility that went bankrupt and ceased operations in 2014. Based on site conditions, the EPA determined that a time-critical removal action was warranted to mitigate the threat posed from releases from the plating vats that could impact the environment and expose nearby workers. Releases from vats, process equipment, or other containers could expose the workers via direct contact or inhalation of poisonous vapors if a chemical reaction occurred. The removal action included: sampling; hazardous categorization of liquids, drums and containers; demolition of vats and associated piping, filters, and small tanks; and transportation and disposal of all waste generated during the removal. A brief summary of the materials disposed of during the removal action is provided below:

- 254.08 tons of WWTS tank sludge (F-listed waste)
- 105.72 tons of non-hazardous solids containing foam and operational debris
- 72.61 tons of RCRA hazardous solids (F-listed, D002, and D007)
- 41 drums/totes of paints, corrosives, flammables, and F-listed waste
- Nine macro boxes, equaling 160 tons, of F-listed waste and cyanides
- 28,308 gallons of vat liquids (F-listed, D007, D002, cyanide, and nickel).

If you have any questions or need additional copies of this letter report, please contact me at 615-992-5556.

Sincerely,

Todd A. Taylor
Tetra Tech START IV Site Manager

Andrew F. Johnson
Tetra Tech START IV Program Manager

Enclosures (5)

cc: Katrina Jones, EPA Project Officer
Angel Reed, Tetra Tech START IV Document Control Coordinator

ENCLOSURE 1

SITE MAP

(1Pages)

Site Map Chromecraft TT-01-0061

ENCLOSURE 2

WASTE WATER TREATMENT SYSTEM TANK DIAGRAM

(1Pages)


Waste Water Treatment Tank System
Clear Water Tank
Purified Water Tank
Purified Water Tank
Text
Tank B
Overflow Tank
Tank A
Tank B
Tank A
Sludge Tank
TETRA TECH

ENCLOSURE 3

TETRA TECH

DATA VALIDATION CHECKLISTS (STAGE 2A)

AND

ANALYTICAL DATA PACKAGES

(628 Pages)

KEMRON

ANALYTICAL DATA PACKAGES

(628 Pages)

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Cooler Receipt Form

Customer Number: **06379**
Customer Name: **Tetra Tech EM, Inc.**
Report Number: **16-309-0289**

Shipping Method

○ Fed Ex	○ US Postal	○ Lab	○ Other :	
○ UPS	● Client	○ Courier	Thermometer ID:	#10

Shipping container/cooler uncompromised?	● Yes	○ No	
Number of coolers received	1		
Custody seals intact on shipping container/cooler?	○ Yes	○ No	● Not Required
Custody seals intact on sample bottles?	○ Yes	○ No	● Not Required
Chain of Custody (COC) present?	● Yes	○ No	
COC agrees with sample label(s)?	● Yes	○ No	
COC properly completed	● Yes	○ No	
Samples in proper containers?	● Yes	○ No	
Sample containers intact?	● Yes	○ No	
Sufficient sample volume for indicated test(s)?	● Yes	○ No	
All samples received within holding time?	● Yes	○ No	
Cooler temperature in compliance?	● Yes	○ No	
Cooler/Samples arrived at the laboratory on ice. Samples were considered acceptable as cooling process had begun.	● Yes	○ No	
Water - Sample containers properly preserved	● Yes	○ No	○ N/A
Water - VOA vials free of headspace	● Yes	○ No	○ N/A
Trip Blanks received with VOAs	○ Yes	● No	○ N/A
Soil VOA method 5035 – compliance criteria met	○ Yes	○ No	● N/A

☐ High concentration container (48 hr) ☐ Low concentration EnCore samplers (48 hr)
☐ High concentration pre-weighed (methanol -14 d) ☐ Low conc pre-weighed vials (Sod Bis -14 d)

Special precautions or instructions included?	○ Yes	● No

Comments:

Any regulatory non-compliance issues will be recorded on non-compliance report.

Signature: Danyale Love Date & Time: 11/04/2016 15:10:41

Client Name/Address	Client Project Manager/Contact	Billing Information	For Laboratory Use Only
Tetra Tech 195 Evergreen Blvd Duluth, GA	Todd Taylor	Same	CN 6379

Project Description	Project/Site Location (City/State)		Method of Shipment	Matrix Key
Chrom Craft Site	1 Quality dr Senatobia, MS 38668	☐ RUSH – Additional charges apply ☐ Special Detection Limit(s) Date Results Needed	☐ Fed Ex ☐ UPS ☐ USPS ☐ Courier ☑ Client Drop Off Other	WW – Wastewater GW – Groundwater DW – Drinking Water S – Soil /Solid O – Oil

Project Number	Project Manager Phone #	Project Manager Email	Purchase Ord
103-9027010 61	615-992-5556	todd.taylor@tetratech.com	

16-309-0289
06379
11-04-2016
15:09:45
Tetra Tech EM. Inc.
Chromcraft

Waypoint ANALYTICAL
2790 Whitten Road
Memphis, TN 38133
(901) 213-2400

Unless noted, all containers per Table II of 40 CFR Part 136.

C	H2SO4 pH<2
D	None Required
E	NaOH pH>10
F	HNO3 pH<2
G	HCL pH<2
H	H3PO4 pH<2
I	Cool <= 6C NA2S2O3

Date	Time	Sample Identification	Number of Containers	Matrix (Refer to Key)	(G)rab or (C)omposite	TCLP 8 RCRA Metals	Pb	TTO - VOC, SVOC, Pest	TTO - PCB Dioxin Screen	CrT, Cd, Cr, Cu, Pb, Ni, Zn	Ag, TTO				Comments/Notes
11/3/16	12:30	V2-Solid ~~H03/16/12~~ TAT	1	S	C	X									
11/3/16	12:15	V13-Solid	1	S	C	X									
11/3/16	2:10	Wash Room	1	S	C	X									
11/3/16	12:45	V2-Liquid	1	M	G		X	X only							Pb only
11/3/16	13:00	V13 Liquid	1	M	G		X	X only							Pb only
11/3/16	15:00	WT-A	10	WW	G		X	X	X	X	X				
11/3/16	15:15	WT-B	10	WW	G		X	X	X	X	X				
11/3/16	15:30	WT-overflow	10	WW	G		X	X	X	X	X				
11/3/16	15:45	WT-ST	10	WW	G		X	X	X	X	X				

For Laboratory Use Only			Sampled by (Name – Print)	Client Remarks/Comments
Ice: (Y) N	Custody Seals: Y / (N)	Lab Comments	Todd Taylor	
Blank/Cooler Temp: 4.2°C T10 BS				

Relinquished by: (SIGNATURE)	Date	Time	Received by: (SIGNATURE)	Date	Time
Todd Taylor	11/3/16	19:10	Cheryl Tilley	11/3/15	19:10
Relinquished by: (SIGNATURE)	Date	Time	Received by: (SIGNATURE)	Date	Time
Relinquished by: (SIGNATURE)	Date	Time	Received by: (SIGNATURE)	Date	Time

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Cooler Receipt Form

Customer Number: **06379**
Customer Name: **Tetra Tech EM, Inc.**
Report Number: **16-340-0326**

Shipping Method

○ Fed Ex ○ US Postal ● Lab ○ Other :
○ UPS ○ Client ○ Courier Thermometer ID: #10

Shipping container/cooler uncompromised?	● Yes	○ No	
Number of coolers received	1		
Custody seals intact on shipping container/cooler?	○ Yes	○ No	● Not Required
Custody seals intact on sample bottles?	○ Yes	○ No	● Not Required
Chain of Custody (COC) present?	● Yes	○ No	
COC agrees with sample label(s)?	● Yes	○ No	
COC properly completed	● Yes	○ No	
Samples in proper containers?	● Yes	○ No	
Sample containers intact?	● Yes	○ No	
Sufficient sample volume for indicated test(s)?	● Yes	○ No	
All samples received within holding time?	○ Yes	● No	
Cooler temperature in compliance?	● Yes	○ No	
Cooler/Samples arrived at the laboratory on ice. Samples were considered acceptable as cooling process had begun.	● Yes	○ No	
Water - Sample containers properly preserved	● Yes	○ No	○ N/A
Water - VOA vials free of headspace	○ Yes	○ No	● N/A
Trip Blanks received with VOAs	○ Yes	○ No	● N/A
Soil VOA method 5035 – compliance criteria met	○ Yes	○ No	● N/A

☐ High concentration container (48 hr) ☐ Low concentration EnCore samplers (48 hr)
☐ High concentration pre-weighed (methanol -14 d) ☐ Low conc pre-weighed vials (Sod Bis -14 d)

Special precautions or instructions included?	○ Yes	● No

Comments: Approval given by Jessica Vickers to analyze the samples outside of the TSS 7 day holding time.

Any regulatory non-compliance issues will be recorded on non-compliance report.

Signature: Brieanna Jackson Date & Time: 12/05/2016 13:58:11

Client Name/Address	Client Project Manager/Contact	Billing Information	For Laboratory Use Only
Tetra Tech 195 S Evergreen Blvd Duluth, GA	Todd Taylor	Same	CN 6379

Project Description	Project/Site Location (City/State)		Method of Shipment	Matrix Key
Chromcraft Site	1 Quality Dr Senatobia, MS 38668	☐ RUSH – Additional charges apply ☐ Special Detection Limit(s) Date Results Needed	☐ Fed Ex ☐ UPS ☐ USPS ☐ Courier ☑ Client Drop Off Other	WW – Wastewater GW – Groundwater DW – Drinking Water S – Soil /Solid O – Oil

Project Number	Project Manager Phone #	Project Manager Email	Purchase Ord
103X9027010 61	615-992-5556	todd.taylor@tetratech.com	

Tetra Tech EM, Inc.
Chromcraft
16-340-0326
06379
12-05-2016
13:44:01

Waypoint ANALYTICAL
2790 Whitten Road
Memphis, TN 38133
(901) 213-2400

Unless noted, all containers per Table II of 40 CFR Part 136.

Date	Time	Sample Identification	Number of Containers	Matrix (Refer to Key)	(G)rab or (C)omposite	TCLP 8RCRA Metals	Ph	TTO - VOC, SVOC, Pest	TTO - PCB Dioxin Sec	CN, Fe, Cr, Cu, Pb, Zn	Air TTO	TSS			Comments/Notes
						Required Analysis / Preservative									
11/3/16	12:30	V2-Solid ~~H03/16/12~~ TAT	1	S	C	X									
11/3/16	12:15	V13-Solid	1	S	C	X									
11/3/16	2:10	Wash Room	1	S	C	X									
11/3/16	12:45	V2-Liquid	1	M	G		X	X							Ph only
11/3/16	13:00	V13 Liquid	1	M	G		X	X							Ph only
11/3/16	15:00	WT-A	10	WW	G		X	X	X	X	X	Y			93320
11/3/16	15:15	WT-B	10	WW	G		X	X	X	X	X	Y			93321
11/3/16	15:30	WT-overflow	10	WW	G		X	X	X	X	X	Y			93322
11/3/16	15:45	WT-ST	10	WW	G		X	X	X	X	X	Y			93323

E NaOH pH>10
F HNO3 pH<2
G HCL pH<2
H H3PO4 pH<2
I Cool <= 6C NA2S2O3

For Laboratory Use Only		
Ice (Y) N	Custody Seals Y/(N)	Lab Comments
(Blank/Cooler Temp) 4.2°C T10 BS		

Sampled by (Name – Print): Todd Taylor

Client Remarks/Comments: ADD TSS TO SAMPLES. OKAY TO RUN OUT OF HOLDING TIME PER J. VICKERS 12/5/16.

Relinquished by: (SIGNATURE)	Date Time	Received by: (SIGNATURE)	Date Time
Todd Taylor	11/3/16 19:10	Cherry Tilley	11/3/15 19:10
Relinquished by: (SIGNATURE)	Date Time	Received by: (SIGNATURE)	Date Time
Relinquished by: (SIGNATURE)	Date Time	Received by: (SIGNATURE)	Date Time
			12/5/16

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Non-Compliance Login Summary Report

Incident Date: 12-21-2016 10:12 am
Report number: 16-356-0209 Lab Number(s): L95400, L95402, L95404, L95406, L95408
Customer number: 06379
Customer Name: Tetra Tech EM, Inc.
Contact Name: Tetra Tech EM, Inc.
Project ID: Tetra Tech - Chromcraft

This Non-Compliance Report has been generated because proper EPA protocol was not followed for the above referenced sample(s). This means that the data generated from the analysis of this project may not be suitable for Regulatory compliance.

This report should be included with any data submitted to a Regulatory Agency. The actual problems encountered are listed below.

Description of Login Non-Compliance

☑ **Sample Temperature Non-compliant**
Cooler Temperature: 8.1, 8.8 degrees Celsius
Required Temperature: < 6 degrees Celsius

☐ **Sample Received in Improper Container**
Analysis:
Received Container:
Required Container:

☐ **Sample Improperly Preserved**
Analysis:
Received Preservative:
Required Preservative:

☐ **Sample Received Outside Holding Time** Date Received: 12-21-2016 00:00
Analysis:
Sampled Date and Time:
Required Holding Time:

Other:

Corrective Action

Client Notified: ● Yes ○ No Date Client Notified: 12/21/16 Contact Name: Todd Taylor
Client Directive:

Approval to analyze per Todd Taylor

Initiated By: Danyale Love Project manager: Randall Thomas QAO: Richard Medina

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Cooler Receipt Form

Customer Number: **06379**
Customer Name: **Tetra Tech EM, Inc.**
Report Number: **16-356-0209**

Shipping Method

○ Fed Ex	○ US Postal	○ Lab	○ Other :	
○ UPS	● Client	○ Courier	Thermometer ID:	#10

Shipping container/cooler uncompromised?	● Yes	○ No	
Number of coolers received	2		
Custody seals intact on shipping container/cooler?	○ Yes	○ No	● Not Required
Custody seals intact on sample bottles?	○ Yes	○ No	● Not Required
Chain of Custody (COC) present?	● Yes	○ No	
COC agrees with sample label(s)?	● Yes	○ No	
COC properly completed	● Yes	○ No	
Samples in proper containers?	● Yes	○ No	
Sample containers intact?	● Yes	○ No	
Sufficient sample volume for indicated test(s)?	● Yes	○ No	
All samples received within holding time?	● Yes	○ No	
Cooler temperature in compliance?	○ Yes	● No	
Cooler/Samples arrived at the laboratory on ice. Samples were considered acceptable as cooling process had begun.	● Yes	○ No	
Water - Sample containers properly preserved	● Yes	○ No	○ N/A
Water - VOA vials free of headspace	○ Yes	○ No	● N/A
Trip Blanks received with VOAs	○ Yes	○ No	● N/A
Soil VOA method 5035 – compliance criteria met	○ Yes	○ No	● N/A

☐ High concentration container (48 hr) ☐ Low concentration EnCore samplers (48 hr)
☐ High concentration pre-weighed (methanol -14 d) ☐ Low conc pre-weighed vials (Sod Bis -14 d)

Special precautions or instructions included?	○ Yes	● No

Comments: Cooler temps @ 8.1 and 8.8 degrees C.

Any regulatory non-compliance issues will be recorded on non-compliance report.

Signature: Danyale Love Date & Time: 12/21/2016 09:53:17

Waypoint ANALYTICAL

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

Kit ID:	0000074505
Initiated By:	Randy Thomas
Project Commment	

CHAIN-OF-CUSTO

Tetra Tech EM, Inc.
Chromcraft
16-356-0209
06379
12-21-2016
09:50:00

Company Name	Company Number	Client Project Manager/Contact	Purchase Order Number
Tetra Tech EM, Inc.	06379	Tetra Tech EM, Inc.	
Site Name	**Project Number**	☐ RUSH – Additional charges apply ☐ Special Detection Limits(s) Date Results Needed	**Method of Shipment** ☐ Fed Ex ☐ UPS ☐ USPS ☐ Courier ☑ Client Drop Off Other
Chromecraft	103X902701061		
LIMS Project ID	**Project Manager Phone #**	**Project Manager Email**	**Site/Facility ID #**
Tetra Tech - Chromcraft	Todd Taylor 615.992.5556 (687) 775-3104	todd.taylor@tetratech.com	

Date	Time	Sample ID	Matrix	Grab/ Comp	# of Cont	Container Type	Preservation	Analyses
12/20/16	1338	V31122016 1338	Aqueous	G	3	Plastic - Quart	NONE	TCLP Metals/TSS/TS/SS/SO4/pH/Alk/Acid
12/20/16	13:38	V3 1220161338	Aqueous	G	1	Plastic - Pint	NaOH - Sodium Hydroxide	CNA/CNT
12/20/16	13:38	V3 1220161338	Aqueous	G	1	Plastic - Pint	HNO3 - Nitric Acid	RCRA Metals/Cu/Na/Zn
12/20/16	13:38	V31 1220161338	Aqueous	G	1	Plastic - Pint	ZnAc+NaOH - Zinc Acetate+Sodium Hydroxide	Total & React Sulfide
12/20/16	14:00	V13122016 1400	Aqueous	G	3	Plastic - Quart	NONE	TCLP Metals/TSS/TS/SS/SO4/pH/Alk/Acid
12/20/16	14:00	V13 1220161400	Aqueous	G	1	Plastic - Pint	NaOH - Sodium Hydroxide	CNA/CNT
12/20/16	1400	V13 1220161400	Aqueous	G	1	Plastic - Pint	HNO3 - Nitric Acid	RCRA Metals/Cu/Na/Zn

For Laboratory Use Only			Sampled by (Name - Print)	Client Remarks/Comments			
Ice Y/N	Custody Seals Y/N	Lab Comments	Todd T				
		Approval to analyze per Todd Taylor. 12/21/16	Relinquished by: (SIGNATURE) Todd T	Date Time	Received by: (SIGNATURE)	Date Time	
Blank/Cooler Temp 8.1, 7.6, 8.8°C TIOBS			Relinquished by: (SIGNATURE)	Date Time	Received by: (SIGNATURE)	Date Time	
			Relinquished by: (SIGNATURE)	Date Time	Received by: (SIGNATURE) S. Cook	Date Time 12/21/16 1830	

Waypoint ANALYTICAL

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

Kit ID:	0000074505
Initiated By:	Randy Thomas
Project Commment	

CHAIN-OF-CUS

16-356-0209
06379
12-21-2016
09:50:00
Tetra Tech EM, Inc.
Chromcraft

Company Name	Company Number	Client Project Manager/Contact	Purchase Order Number
Tetra Tech EM, Inc.	06379	Tetra Tech EM, Inc.	
Site Name Chromecraft	**Project Number** 103X902701061	☐ RUSH – Additional charges apply ☐ Special Detection Limits(s) Date Results Needed	**Method of Shipment** ☐ Fed Ex ☐ UPS ☐ USPS ☐ Courier ☐ Client Drop Off Other
LIMS Project ID Tetra Tech - Chromcraft	**Project Manager Phone #** Todd Taylor 615.992 5556 (687) 775-3104	**Project Manager Email** todd.taylor@tetra tech.com	**Site/Facility ID #**

Date	Time	Sample ID	Matrix	Grab/ Comp	# of Cont	Container Type	Preservation	Analyses
12/20/16	14:00	V13122016 1400	Aqueous	G	1	Plastic - Pint	ZnAc+NaOH - Zinc Acetate+Sodium Hydroxide	Total & React Sulfide
12/20/16	15:00	V16122016 1500	Aqueous	G	3	Plastic - Quart	NONE	TCLP Metals/TSS/TS/SS/SO4/pH/Alk/Acid
12/20/16	15:00	V16122016 1500	Aqueous	G	1	Plastic - Pint	NaOH - Sodium Hydroxide	CNA/CNT
12/20/16	15:00	V16122016 1500	Aqueous	G	1	Plastic - Pint	HNO3 - Nitric Acid	RCRA Metals/Cu/Na/Zn
12/20/16	15:00	V16122016 1500	Aqueous	G	1	Plastic - Pint	ZnAc+NaOH - Zinc Acetate+Sodium Hydroxide	Total & React Sulfide
12/20/16	15:15	V17122016 1515	Aqueous	G	3	Plastic - Quart	NONE	TCLP Metals/TSS/TS/SS/SO4/pH/Alk/Acid
12/20/16	15:15	V17122016 1515	Aqueous	G	1	Plastic - Pint	NaOH - Sodium Hydroxide	CNA/CNT

For Laboratory Use Only			Sampled by (Name - Print)	Client Remarks/Comments		
Ice Y/N	Custody Seals Y/N	Lab Comments	Todd Taylor			
			Relinquished by: (SIGNATURE) Todd	Date Time 12/20/16	Received by: (SIGNATURE)	Date Time
			Relinquished by: (SIGNATURE)	Date Time	Received by: (SIGNATURE)	Date Time
Blank/Cooler Temp 8.1°C, 8.8°C TIOBS			Relinquished by: (SIGNATURE)	Date Time	Received by: (SIGNATURE) S. Cook	Date Time 12/20/16 1830

Waypoint ANALYTICAL

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

Kit ID:	0000074505
Initiated By:	Randy Thomas
Project Commment	

CHAIN-OF-CUS

16-356-0209
06379
12-21-2016
09:50:00
Tetra Tech EM, Inc.
Chromcraft

Company Name	Company Number	Client Project Manager/Contact	Purchase Order Number
Tetra Tech EM, Inc.	06379	Tetra Tech EM, Inc.	
Site Name	**Project Number**	☐ RUSH – Additional charges apply ☐ Special Detection Limits(s) Date Results Needed	**Method of Shipment** ☐ Fed Ex ☐ UPS ☐ USPS ☐ Courier ☑ Client Drop Off Other
Chromecraft	103X902701061		
LIMS Project ID	**Project Manager Phone #**	**Project Manager Email**	**Site/Facility ID #**
Tetra Tech - Chromcraft	Todd Taylor (687) 775-3104 615-992-5556	todd.Taylor@tetratech.com	

Date	Time	Sample ID	Matrix	Grab/ Comp	# of Cont	Container Type	Preservation	Analyses
12/20/16	15:15	V17122016 1515	Aqueous	G	1	Plastic - Pint	HNO3 - Nitric Acid	RCRA Metals/Cu/Na/Zn
12/20/16	15:15	V17122016 1515	Aqueous	G	1	Plastic - Pint	ZnAc+NaOH - Zinc Acetate+Sodium Hydroxide	Total & React Sulfide
12/20/16	15:35	V22122016 1535	Aqueous	G	4	Plastic - Quart	NONE	TCLP Metals/TSS/TS/SS/SO4/pH/Alk/Acid
12/20/16	15:35	V22122016 1535	Aqueous	G	1	Plastic - Pint	NaOH - Sodium Hydroxide	CNA/CNT
12/20/16	15:35	V22122016 1535	Aqueous	G	1	Plastic - Pint	HNO3 - Nitric Acid	RCRA Metals/Cu/Na/Zn
12/20/16	15:35	V22122016 1535	Aqueous	G	1	Plastic - Pint	ZnAc+NaOH - Zinc Acetate+Sodium Hydroxide	Total & React Sulfide

For Laboratory Use Only			Sampled by (Name - Print)		Client Remarks/Comments	
Ice Y/N	Custody Seals Y/N	Lab Comments	Todd Taylor			
			Relinquished by: (SIGNATURE)	Date Time	Received by: (SIGNATURE)	Date Time
			Todd T	12/20/16		
Blank/Cooler Temp			Relinquished by: (SIGNATURE)	Date Time	Received by: (SIGNATURE)	Date Time
8.1°C TIO 8.8°C BS			Relinquished by: (SIGNATURE)	Date Time	Received by: (SIGNATURE)	Date Time
					S. Cook	12/20/16 1830

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Non-Compliance Login Summary Report

Incident Date: 12-21-2016 10:36 am
Report number: 16-356-0250 Lab Number(s): L95415, L95417, L95419, L95421, L95423
Customer number: 06379
Customer Name: Tetra Tech EM, Inc.
Contact Name: Tetra Tech EM, Inc.
Project ID: Tetra Tech - Chromcraft

This Non-Compliance Report has been generated because proper EPA protocol was not followed for the above referenced sample(s). This means that the data generated from the analysis of this project may not be suitable for Regulatory compliance.

This report should be included with any data submitted to a Regulatory Agency. The actual problems encountered are listed below.

Description of Login Non-Compliance

☑ **Sample Temperature Non-compliant**
Cooler Temperature: 7.7,8.4,7.9 degrees Celsius
Required Temperature: < 6 degrees Celsius

☐ **Sample Received in Improper Container**
Analysis:
Received Container:
Required Container:

☐ **Sample Improperly Preserved**
Analysis:
Received Preservative:
Required Preservative:

☐ **Sample Received Outside Holding Time** Date Received: 12-21-2016 00:00
Analysis:
Sampled Date and Time:
Required Holding Time:

Other:

Corrective Action

Client Notified: ● Yes ○ No Date Client Notified: 12/21/16 Contact Name: Todd Taylor
Client Directive:

Approval to analyze per Todd Taylor

Initiated By: Danyale Love Project manager: Randall Thomas QAO: Richard Medina

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Cooler Receipt Form

Customer Number: **06379**
Customer Name: **Tetra Tech EM, Inc.**
Report Number: **16-356-0250**

Shipping Method

○ Fed Ex	○ US Postal	○ Lab	○ Other :	
○ UPS	● Client	○ Courier	Thermometer ID:	#10

Shipping container/cooler uncompromised?	● Yes	○ No	
Number of coolers received	3		
Custody seals intact on shipping container/cooler?	○ Yes	○ No	● Not Required
Custody seals intact on sample bottles?	○ Yes	○ No	● Not Required
Chain of Custody (COC) present?	● Yes	○ No	
COC agrees with sample label(s)?	● Yes	○ No	
COC properly completed	● Yes	○ No	
Samples in proper containers?	● Yes	○ No	
Sample containers intact?	● Yes	○ No	
Sufficient sample volume for indicated test(s)?	● Yes	○ No	
All samples received within holding time?	● Yes	○ No	
Cooler temperature in compliance?	○ Yes	● No	
Cooler/Samples arrived at the laboratory on ice. Samples were considered acceptable as cooling process had begun.	● Yes	○ No	
Water - Sample containers properly preserved	● Yes	○ No	○ N/A
Water - VOA vials free of headspace	○ Yes	○ No	● N/A
Trip Blanks received with VOAs	○ Yes	○ No	● N/A
Soil VOA method 5035 – compliance criteria met	○ Yes	○ No	● N/A

☐ High concentration container (48 hr) ☐ Low concentration EnCore samplers (48 hr)
☐ High concentration pre-weighed (methanol -14 d) ☐ Low conc pre-weighed vials (Sod Bis -14 d)

Special precautions or instructions included?	○ Yes	● No

Comments: Cooler Temps @ 7.7, 8.4, 7.9 degrees C

Any regulatory non-compliance issues will be recorded on non-compliance report.

Signature: Danyale Love Date & Time: 12/21/2016 10:17:12

Waypoint ANALYTICAL

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

Kit ID:	0000074505
Initiated By:	Randy Thomas
Project Commment	

CHAIN-OF-CUSTODY

16-356-0250
06379
12-21-2016
10:16:48
Tetra Tech EM, Inc.
Chromcraft

Company Name	Company Number	Client Project Manager/Contact	Purchase Order Number
Tetra Tech EM, Inc.	06379	Tetra Tech EM, Inc.	
Site Name Chromecraft	**Project Number** 103X90270061	☐ RUSH – Additional charges apply ☐ Special Detection Limits(s) Date Results Needed	**Method of Shipment** ☐ Fed Ex ☐ UPS ☐ USPS ☐ Courier ☑ Client Drop Off Other
LIMS Project ID Tetra Tech - Chromcraft	**Project Manager Phone #** Todd Taylor 615-992-5556 (687) 775-3104	**Project Manager Email** todd.Taylor@tetratech.com	**Site/Facility ID #**

Date	Time	Sample ID	Matrix	Grab/ Comp	# of Cont	Container Type	Preservation	Analyses
12/20/16	09:10	V1 1220160910	Aqueous	G	3	Plastic - Quart	NONE	TCLP Metals/TSS/TS/SS/SO4/pH/Alk/Acid
12/20/16	09:30	V2 1220160930	Aqueous	G	1	Plastic - Pint	NaOH - Sodium Hydroxide	CNA/CNT
12/20/16	09:16	V1 1220160910	Aqueous	G	1	Plastic - Pint	HNO3 - Nitric Acid	RCRA Metals/Cu/Na/Zn
12/20/16	09:16	V1 1220160910	Aqueous	G	1	Plastic - Pint	ZnAc+NaOH - Zinc Acetate+Sodium Hydroxide	Total & React Sulfide
12/20/16	09:30	V2 1220160930	Aqueous	G	3	Plastic - Quart	NONE	TCLP Metals/TSS/TS/SS/SO4/pH/Alk/Acid
12/20/16	09:30	V2 1220160930	Aqueous	G	1	Plastic - Pint	NaOH - Sodium Hydroxide	CNA/CNT
12/20/16	09:30	V2 1220160930	Aqueous	G	1	Plastic - Pint	HNO3 - Nitric Acid	RCRA Metals/Cu/Na/Zn

For Laboratory Use Only			Sampled by (Name - Print)	Client Remarks/Comments		
Ice Y/N	Custody Seals Y/N	Lab Comments Approval to analyze per Todd Taylor. 12/21/16	Todd Taylor			
			Relinquished by: (SIGNATURE) Todd Taylor	Date Time 12/20/16	Received by: (SIGNATURE)	Date Time
			Relinquished by: (SIGNATURE)	Date Time	Received by: (SIGNATURE)	Date Time
Blank/Cooler Temp 7.7°, 8.4, 7.9°C T10BS			Relinquished by: (SIGNATURE)	Date Time	Received by: (SIGNATURE) S Cook	Date Time 12/20/16 1830

Waypoint ANALYTICAL

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

Kit ID:	0000074505
Initiated By:	Randy Thomas
Project Commment	

CHAIN-OF-CUSTODY

Tetra Tech EM, Inc.
Chromcraft

16-356-0250
06379
12-21-2016
10:16:48

Company Name	Company Number	Client Project Manager/Contact	Purchase Order Number
Tetra Tech EM, Inc.	06379	Tetra Tech EM, Inc.	
Site Name	**Project Number**	☐ RUSH – Additional charges apply ☐ Special Detection Limits(s) Date Results Needed	**Method of Shipment** ☐ Fed Ex ☐ UPS ☐ USPS ☐ Courier ☒ Client Drop Off Other
Chromecraft	103X902701061		
LIMS Project ID	**Project Manager Phone #**	**Project Manager Email**	**Site/Facility ID #**
Tetra Tech - Chromcraft	Todd Taylor 615-992-5556 (687) 775-3104	todd.Taylor@tetratech.com	

Date	Time	Sample ID	Matrix	Grab/ Comp	# of Cont	Container Type	Preservation	Analyses
12/20/16	0930 ~~10:25~~ TAT	~~V2122016~~1025 TAT V2122016 0930	Aqueous	G	1	Plastic - Pint	ZnAc+NaOH - Zinc Acetate+Sodium Hydroxide	Total & React Sulfide
12/20/16	10:25	V3122016 1025	Aqueous	G	3	Plastic - Quart	NONE	TCLP Metals/TSS/TS/SS/SO4/pH/Alk/Acid
12/20/16	10:25	V3122016 1025	Aqueous	G	1	Plastic - Pint	NaOH - Sodium Hydroxide	CNA/CNT
12/20/16	10:25	V3 122016 1025	Aqueous	G	1	Plastic - Pint	HNO3 - Nitric Acid	RCRA Metals/Cu/Na/Zn
12/20/16	10:25	V3 122016 1025	Aqueous	G	1	Plastic - Pint	ZnAc+NaOH - Zinc Acetate+Sodium Hydroxide	Total & React Sulfide
12/20/16	10:40	V4 122016 1040	Aqueous	G	3	Plastic - Quart	NONE	TCLP Metals/TSS/TS/SS/SO4/pH/Alk/Acid
12/20/16	10:40	V4 122016 1040	Aqueous	G	1	Plastic - Pint	NaOH - Sodium Hydroxide	CNA/CNT

For Laboratory Use Only			Sampled by (Name - Print)	Client Remarks/Comments		
Ice	Custody Seals	Lab Comments	Todd Taylor			
Y/N	Y/N		Relinquished by: (SIGNATURE)	Date Time	Received by: (SIGNATURE)	Date Time
			Todd Taylor	12/20/16		
Blank/Cooler Temp			Relinquished by: (SIGNATURE)	Date Time	Received by: (SIGNATURE)	Date Time
1.7, 8.4, 7.9°C T 10B5			Relinquished by: (SIGNATURE)	Date Time	Received by: (SIGNATURE)	Date Time
					S. Cook	12/20/16 1830

Waypoint ANALYTICAL

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440

Kit ID:	0000074505
Initiated By:	Randy Thomas
Project Commment	

CHAIN-OF-CUS

16-356-0250
06379
12-21-2016
10:16:48
Tetra Tech EM. Inc.
Chromcraft

Company Name	Company Number	Client Project Manager/Contact	Purchase Order Number
Tetra Tech EM, Inc.	06379	Tetra Tech EM, Inc.	
Site Name	**Project Number**	☐ RUSH – Additional charges apply ☐ Special Detection Limits(s) Date Results Needed	**Method of Shipment** ☐ Fed Ex ☐ UPS ☐ USPS ☐ Courier ☐ Client Drop Off Other
LIMS Project ID	**Project Manager Phone #**	**Project Manager Email**	**Site/Facility ID #**
Tetra Tech - Chromcraft	(687) 775-3104		

Date	Time	Sample ID	Matrix	Grab/ Comp	# of Cont	Container Type	Preservation	Analyses
12/20/16	10:40	V4 1220161040	Aqueous	G	1	Plastic - Pint	HNO3 - Nitric Acid	RCRA Metals/Cu/Na/Zn
12/20/16	10:40	V4 1220161040	Aqueous	G	1	Plastic - Pint	ZnAc+NaOH - Zinc Acetate+Sodium Hydroxide	Total & React Sulfide
12/20/16	11:15	V8 1220161115	Aqueous	G	3	Plastic - Quart	NONE	TCLP Metals/TSS/TS/SS/SO4/pH/Alk/Acid
12/20/16	11:15	V8 1220161115	Aqueous	G	1	Plastic - Pint	NaOH - Sodium Hydroxide	CNA/CNT
12/20/16	11:15	V8 1220161115	Aqueous	G	1	Plastic - Pint	HNO3 - Nitric Acid	RCRA Metals/Cu/Na/Zn
12/20/16	11:15	V8 1220161115	Aqueous	G	1	Plastic - Pint	ZnAc+NaOH - Zinc Acetate+Sodium Hydroxide	Total & React Sulfide

For Laboratory Use Only			Sampled by (Name - Print)	Client Remarks/Comments			
Ice Y/N	Custody Seals Y/N	Lab Comments	Todd D				
			Relinquished by: (SIGNATURE) Todd D	Date Time	Received by: (SIGNATURE)	Date Time	
			Relinquished by: (SIGNATURE)	Date Time	Received by: (SIGNATURE)	Date Time	
Blank/Cooler Temp T.T°, 8.4, 7.9 °CT10BS			Relinquished by: (SIGNATURE)	Date Time	Received by: (SIGNATURE) S. Cook	Date Time 12/20/16 1830	

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Non-Compliance Login Summary Report

Incident Date: 12-21-2016 10:45 am
Report number: 16-356-0251 Lab Number(s): L95427, L95429, L95431
Customer number: 06379
Customer Name: Tetra Tech EM, Inc.
Contact Name: Tetra Tech EM, Inc.
Project ID: Tetra Tech - Chromcraft

This Non-Compliance Report has been generated because proper EPA protocol was not followed for the above referenced sample(s). This means that the data generated from the analysis of this project may not be suitable for Regulatory compliance.

This report should be included with any data submitted to a Regulatory Agency. The actual problems encountered are listed below.

Description of Login Non-Compliance

☑ **Sample Temperature Non-compliant**
Cooler Temperature: 8.1, 7.6 degrees Celsius
Required Temperature: < 6 degrees Celsius

☐ **Sample Received in Improper Container**
Analysis:
Received Container:
Required Container:

☐ **Sample Improperly Preserved**
Analysis:
Received Preservative:
Required Preservative:

☐ **Sample Received Outside Holding Time** Date Received: 12-21-2016 00:00
Analysis:
Sampled Date and Time:
Required Holding Time:

Other:

Corrective Action

Client Notified: ● Yes ○ No Date Client Notified: 12/20/16 Contact Name: Todd Taylor
Client Directive:

Apporval to analyze per Todd Taylor

Initiated By: Danyale Love Project manager: Randall Thomas QAO: Richard Medina

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Cooler Receipt Form

Customer Number: **06379**
Customer Name: **Tetra Tech EM, Inc.**
Report Number: **16-356-0251**

Shipping Method

○ Fed Ex ○ US Postal ○ Lab ○ Other :
○ UPS ● Client ○ Courier Thermometer ID: #10

Shipping container/cooler uncompromised?	● Yes	○ No	
Number of coolers received	2		
Custody seals intact on shipping container/cooler?	○ Yes	○ No	● Not Required
Custody seals intact on sample bottles?	○ Yes	○ No	● Not Required
Chain of Custody (COC) present?	● Yes	○ No	
COC agrees with sample label(s)?	● Yes	○ No	
COC properly completed	● Yes	○ No	
Samples in proper containers?	● Yes	○ No	
Sample containers intact?	● Yes	○ No	
Sufficient sample volume for indicated test(s)?	● Yes	○ No	
All samples received within holding time?	● Yes	○ No	
Cooler temperature in compliance?	○ Yes	● No	
Cooler/Samples arrived at the laboratory on ice. Samples were considered acceptable as cooling process had begun.	● Yes	○ No	
Water - Sample containers properly preserved	● Yes	○ No	○ N/A
Water - VOA vials free of headspace	○ Yes	○ No	● N/A
Trip Blanks received with VOAs	○ Yes	○ No	● N/A
Soil VOA method 5035 – compliance criteria met	○ Yes	○ No	● N/A

☐ High concentration container (48 hr) ☐ Low concentration EnCore samplers (48 hr)
☐ High concentration pre-weighed (methanol -14 d) ☐ Low conc pre-weighed vials (Sod Bis -14 d)

Special precautions or instructions included?	○ Yes	● No

Comments: Cooler temps @ 8.1 & 7.6 degrees C

Any regulatory non-compliance issues will be recorded on non-compliance report.

Signature: Danyale Love Date & Time: 12/21/2016 10:40:21

Waypoint ANALYTICAL

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440

Kit ID:	0000074505
Initiated By:	Randy Thomas
Project Commment	

CHAIN-OF-CUSTOD

Tetra Tech EM, Inc.
Chromcraft

16-356-0251
06379
12-21-2016
10:39:26

Company Name	Company Number	Client Project Manager/Contact	Purchase Order Number
Tetra Tech EM, Inc.	06379	Tetra Tech EM, Inc.	
Site Name Chrome Craft	**Project Number** 103X902701061	☐ RUSH – Additional charges apply ☐ Special Detection Limits(s) Date Results Needed	**Method of Shipment** ☐ Fed Ex ☐ UPS ☐ USPS ☐ Courier ☒ Client Drop Off Other
LIMS Project ID Tetra Tech - Chromcraft	**Project Manager Phone #** Todd Taylor 615-992-5556 (687) 775-3104	**Project Manager Email** Todd.taylor@tetratech.com	**Site/Facility ID #**

Date	Time	Sample ID	Matrix	Grab/ Comp	# of Cont	Container Type	Preservation	Analyses
12/20/16	11:32	V91220161132	Aqueous	G	3	Plastic - Quart	NONE	TCLP Metals/TSS/TS/SS/SO4/pH/Alk/Acid
12/20/16	11:32	V91220161132	Aqueous	G	1	Plastic - Pint	NaOH - Sodium Hydroxide	CNA/CNT
12/20/16	11:32	V91220161132	Aqueous	G	1	Plastic - Pint	HNO3 - Nitric Acid	RCRA Metals/Cu/Na/Zn
12/20/16	11:32	V91220161132	Aqueous	G	1	Plastic - Pint	ZnAc+NaOH - Zinc Acetate+Sodium Hydroxide	Total & React Sulfide
12/20/16	13:00	V341220161300	Aqueous	G	3	Plastic - Quart	NONE	TCLP Metals/TSS/TS/SS/SO4/pH/Alk/Acid
12/20/16	13:00	V341220161300	Aqueous	G	1	Plastic - Pint	NaOH - Sodium Hydroxide	CNA/CNT
12/20/16	1300	V341220161300	Aqueous	G	1	Plastic - Pint	HNO3 - Nitric Acid	RCRA Metals/Cu/Na/Zn

For Laboratory Use Only			Sampled by (Name - Print)	Client Remarks/Comments		
Ice Y/N	Custody Seals Y/N	Lab Comments	Todd Taylor			
		Approval to analyze per Todd Taylor 02 12/21/16	Relinquished by: (SIGNATURE) Todd Taylor	Date Time 12/20/16	Received by: (SIGNATURE)	Date Time
Blank/Cooler Temp 8.1, 7.6 °C TIUBS			Relinquished by: (SIGNATURE)	Date Time	Received by: (SIGNATURE)	Date Time
			Relinquished by: (SIGNATURE)	Date Time	Received by: (SIGNATURE) S. Cook	Date Time 12/20/16 1830

Waypoint ANALYTICAL

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypoint

Kit ID:	0000074505
Initiated By:	Randy Thomas
Project Commment	

CHAIN-OF-CUSTOD

16-356-0251
06379
12-21-2016
10:39:26
Tetra Tech EM. Inc.
Chromcraft

Company Name	Company Number	Client Project Manager/Contact	Purchase Order Number
Tetra Tech EM, Inc.	06379	Tetra Tech EM, Inc.	
Site Name	**Project Number**	☐ RUSH – Additional charges apply ☐ Special Detection Limits(s) Date Results Needed	**Method of Shipment** ☐ Fed Ex ☐ UPS ☐ USPS ☐ Courier ☑ Client Drop Off Other
Chrome Craft	103X902701061		
LIMS Project ID	**Project Manager Phone #**	**Project Manager Email**	**Site/Facility ID #**
Tetra Tech - Chromcraft	Todd Taylor 615-992-5556 (687) 775-3104	todd.Taylor@tetratech.com	

Date	Time	Sample ID	Matrix	Grab/ Comp	# of Cont	Container Type	Preservation	Analyses
12/20/16	13:00	V341220161300	Aqueous	G	1	Plastic - Pint	ZnAc+NaOH - Zinc Acetate+Sodium Hydroxide	Total & React Sulfide
12/20/16	13:20	V351220161320	Aqueous	G	3	Plastic - Quart	NONE	TCLP Metals/TSS/TS/SS/SO4/pH/Alk/Acid
12/20/16	13:20	V351220161320	Aqueous	G	1	Plastic - Pint	NaOH - Sodium Hydroxide	CNA/CNT
12/20/16	13:20	V351220161320	Aqueous	G	1	Plastic - Pint	HNO3 - Nitric Acid	RCRA Metals/Cu/Na/Zn
12/20/16	13:20	V351220161320	Aqueous	G	1	Plastic - Pint	ZnAc+NaOH - Zinc Acetate+Sodium Hydroxide	Total & React Sulfide
			Aqueous	G	3	Plastic - Quart	NONE	TCLP Metals/TSS/TS/SS/SO4/pH/Alk/Acid
			Aqueous	G	1	Plastic - Pint	NaOH - Sodium Hydroxide	CNA/CNT

For Laboratory Use Only			Sampled by (Name - Print)	Client Remarks/Comments			
Ice Y/N	Custody Seals Y/N	Lab Comments	Todd Taylor				
			Relinquished by: (SIGNATURE)	Date Time	Received by: (SIGNATURE)	Date Time	
			Todd Taylor	12/20/16			
Blank/Cooler Temp			Relinquished by: (SIGNATURE)	Date Time	Received by: (SIGNATURE)	Date Time	
8.1, 7.6°C TIO BS			Relinquished by: (SIGNATURE)	Date Time	Received by: (SIGNATURE)	Date Time	
					12/20/16 1830		

Asbestos Chain of Custody

EMSL Order Number *(Lab Use Only)*:

EMSL ANALYTICAL, INC.
200 ROUTE 130 NORTH
CINNAMINSON, NJ 08077
PHONE: (800) 220-3675
FAX: (856) 786-5974

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Company Name : Tetra Tech		**EMSL Customer ID:**	
Street: 1955 Evergreen Blvd		**City: Duluth**	**State/Province: GA**
Zip/Postal Code: 30096	**Country: USA**	**Telephone #: 770-402-9013**	**Fax #:**
Report To (Name): John Snyder		**Please Provide Results:** ☐ Fax ☒ Email	
Email Address: john.snyder@tetratech.com		**Purchase Order:**	
Project Name/Number: Davidson Asbestos		**EMSL Project ID** *(Internal Use Only)*:	
U.S. State Samples Taken: NC		**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt	

EMSL-Bill to: ☒ Same ☐ Different - If Bill to is Different note instructions in Comments**
Third Party Billing requires written authorization from third party

Turnaround Time (TAT) Options* – Please Check

☐ 3 Hour ☐ 6 Hour ☐ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

**For TEM Air 3 hr through 6 hr, please call ahead to schedule.*There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service. Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide.*

PCM - Air ☐ Check if samples are from NY
- ☐ NIOSH 7400
- ☐ w/ OSHA 8hr. TWA

PLM - Bulk (reporting limit)
- ☐ PLM EPA 600/R-93/116 (<1%)
- ☐ PLM EPA NOB (<1%)

Point Count
- ☐ 400 (<0.25%) ☐ 1000 (<0.1%)

Point Count w/Gravimetric
- ☐ 400 (<0.25%) ☐ 1000 (<0.1%)
- ☐ NYS 198.1 (friable in NY)
- ☐ NYS 198.6 NOB (non-friable-NY)
- ☐ NYS 198.8 SOF-V
- ☐ NIOSH 9002 (<1%)

TEM – Air ☐ **4-4.5hr TAT (AHERA only)**
- ☐ AHERA 40 CFR, Part 763
- ☐ NIOSH 7402
- ☐ EPA Level II
- ☐ ISO 10312

TEM - Bulk
- ☐ TEM EPA NOB
- ☐ NYS NOB 198.4 (non-friable-NY)
- ☐ Chatfield SOP
- ☐ TEM Mass Analysis-EPA 600 sec. 2.5

TEM – Water: EPA 100.2
- Fibers >10µm ☐ Waste ☐ Drinking
- All Fiber Sizes ☐ Waste ☐ Drinking

TEM- Dust
- ☐ Microvac - ASTM D 5755
- ☐ Wipe - ASTM D6480
- ☐ Carpet Sonication (EPA 600/J-93/167)

Soil/Rock/Vermiculite
- ☐ PLM EPA 600/R-93/116 with milling prep (<1%)
- ☐ PLM EPA 600/R-93/116 with milling prep (<0.25%)
- ☐ TEM EPA 600/R-93/116 with milling prep (<0.1%)
- ☐ TEM Qualitative via Filtration Prep
- ☐ TEM Qualitative via Drop Mount Prep
- ☐ Cincinnati Method EPA 600/R-04/004 – PLM/TEM (BC only)

Other:
- ☒ **Fluidized Bed Asbestos - 3 Week TAT**

☐ **Check For Positive Stop – Clearly Identify Homogenous Group**

Filter Pore Size (Air Samples): ☒ **0.8µm** ☐ **0.45µm**

Samplers Name: John Snyder

Samplers Signature: John Snyder

Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
DCA-SF-207EN-FY			11/8/16
DCA-SB-207EN-GRDN			11/8/16
DCA-SB-SWPARK			11/8/16
DCA-SB-116DT1			11/9/16
DCA-SB-116DT3			11/9/16

Client Sample # (s): 1 - 31 **Total # of Samples:** 31

Relinquished (Client): John Snyder **Date:** 12/6/16 **Time:**

Received (Lab): **Date:** **Time:**

Comments/Special Instructions:

Controlled Document – Asbestos COC – R10 – 05/09/2016

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Asbestos Chain of Custody

EMSL Order Number *(Lab Use Only)*:

EMSL ANALYTICAL, INC.
200 ROUTE 130 NORTH
CINNAMINSON, NJ 08077
PHONE: (800) 220-3675
FAX: (856) 786-5974

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
DCA-SF-233WN-FY			11/10/16
DCA-SF-209WN-YD			11/10/16
DCA-SF-209WN-LOT			11/10/16
DCA-SF-318DT-BY			11/10/16
DCA-SB-108MC			11/16/16
DCA-SB-306SN-FY			11/10/16
DCA-SF-219EN-FY			11/10/16
DCA-SB-219EN-FY			11/10/16
DCA-SF-219EN-BY			11/10/16
DCA-SF-103SN			11/11/16
DCA-SF-310DT-FY			11/11/16
DCA-SB-310DT-FY			11/11/16
DCA-SB-310DT-BY			11/11/16
DCA-SB-324DT-FY			11/11/16
DCA-SF-FH-3			11/14/16
DCA-SF-PG1			11/15/16
DCA-SF-PG2			11/15/16
DCA-SB-PG2			11/15/16
DCA-SB-335SN			11/15/16
DCA-SF-213EN-BY			11/15/16
DCA-SF-PRESB-1			11/16/16
DCA-SB-PRESB-1			11/16/16
DCA-SF-PRESB-3			11/16/16

***Comments/Special Instructions:**

Controlled Document – Asbestos COC – R10 – 05/09/2016

Asbestos Chain of Custody

EMSL Order Number (*Lab Use Only*):

EMSL ANALYTICAL, INC.
200 ROUTE 130 NORTH
CINNAMINSON, NJ 08077
PHONE: (800) 220-3675
FAX: (856) 786-5974

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
DCA-SB-PRESB-3			11/16/16
DCA-SB-PRESB-4			11/16/16
DCA-SF-302SN-LOT-DUP			JS ~~10~~ 11/10/16

***Comments/Special Instructions:**

Controlled Document – Asbestos COC – R10 – 05/09/2016

Waypoint ANALYTICAL

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

11/18/2016

Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth, GA, 30096

Ref: Analytical Testing
Lab Report Number: 16-309-0289
Client Project Description: Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061
Project Number: 103X902701058

Dear Mr. Todd Taylor:
Waypoint Analytical, Inc. received sample(s) on 11/4/2016 for the analyses presented in the following report.

The above referenced project has been analyzed per your instructions. The analyses were performed in accordance with the applicable analytical method.

The analytical data has been validated using standard quality control measures performed as required by the analytical method. Quality Assurance, method validations, instrumentation maintenance and calibration for all parameters (NELAP and non-NELAP) were performed in accordance with guidelines established by the USEPA (including 40 CFR 136 Method Update Rule May 2012) and NELAC unless otherwise indicated. Any parameter for which the laboratory is not officially NELAP accredited is indicated by a '~' symbol. These are not included in the scope because NELAP accreditation is either not available or has not been applied for. Additional certifications may be held/are available for parameters, where NELAP accreditation is not required or applicable. A full list of certifications is available upon request.

Certain parameters (chlorine, pH, dissolved oxygen, sulfite...) are required to be analyzed within 15 minutes of sampling. Usually, but not always, any field parameter analyzed at the laboratory is outside of this holding time. Refer to sample analysis time for confirmation of holding time compliance.

The results are shown on the attached Report of Analysis(s). Results for solid matrices are reported on an as-received basis unless otherwise indicated. This report shall not be reproduced except in full and relates only to the samples included in this report.

Please do not hesitate to contact me or client services if you have any questions or need additional information.

Sincerely,

Nathan Pera
Project Manager

Laboratory's liability in any claim relating to analyses performed shall be limited to, at laboratory's option, repeating the analysis in question at laboratory's expense, or the refund of the charges paid for performance of said analysis.

Alabama	#40750	Louisiana	#04015	VA NELAP	#460181	Texas	#T104704180-11-6	Arkansas	#88-0650
Mississippi		California	#2904	NC	#415	Oklahoma	#9311	Virginia	#00106
Kentucky	#90047	Tennessee	#TN02027	EPA	#TN00012	Kentucky UST	#41		

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

Client: Tetra Tech EM, Inc.
Project: Chromcraft
Lab Report Number: 16-309-0289
Date: 11/18/2016

CASE NARRATIVE

TCLP Method 1311
Per the TCLP extraction method 1311, section 7.2.1 requires a 100 gram minimum sample size to be subjected to the TCLP leaching procedure. Due to insufficient sample being received, only 93 grams of sample #93315 (V2 – Solid), 98 grams of 93316 (V13 – Solid) and 94 grams of 93317 (Washroom) were taken through the leaching process. The approval to lower the sample size was given by Jessica Vickers on 11/15/16.

Organochlorine Pesticides Method EPA-608
Sample 93321 (WT - B)
QC Batch No: L310017
Analyte was detected in both the primary and confirmatory analyses, with a relative percent difference (RPD) of greater than 40% between the two results. These results are flagged Q and the lower of the two values is reported. Analytes with RPD values greater than 100% are reported as non-detect.

Sample 93322 (WT - Overflow)
QC Batch No: L310017
Analyte was detected in both the primary and confirmatory analyses, with a relative percent difference (RPD) of greater than 40% between the two results. These results are flagged Q and the lower of the two values is reported. Analytes with RPD values greater than 100% are reported as non-detect.

Sample 93323 (WT - ST)
QC Batch No: L310017
Analyte was detected in both the primary and confirmatory analyses, with a relative percent difference (RPD) of greater than 40% between the two results. These results are flagged Q and the lower of the two values is reported. Analytes with RPD values greater than 100% are reported as non-detect.

Extraction and Conc for EPA-608 Method EPA-608 (PCB Prep)
Sample 93321 (WT - B)
QC Batch No: L309792
The weight/volume extracted was reduced during the extraction procedure due to the nature of the sample. Reporting limits are factored for the sample size reduction.

Extraction and Conc for EPA-608 Method EPA-608 (PREP)
QC Batch No: L309794
The weight/volume extracted was reduced during the extraction procedure due to the nature of the sample. Reporting limits are factored for the sample size reduction.

Volatile Organic Compounds - GC/MS Method EPA-624
Sample 93320 (WT - A)
QC Batch No: L310440
The sample was analyzed at a dilution due to the foamy nature of the matrix. Reporting limits have been adjusted accordingly.

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

Sample 93321 (WT - B)
QC Batch No: L310440
The sample was analyzed at a dilution due to the foamy nature of the matrix. Reporting limits have been adjusted accordingly.

Sample 93322 (WT - Overflow)
QC Batch No: L310440
The sample was analyzed at a dilution due to the foamy nature of the matrix. Reporting limits have been adjusted accordingly.

Extraction and Conc. for 625 Method EPA-625 (PREP)
Sample 93321 (WT - B)
QC Batch No: L310032
The weight/volume extracted was reduced during the extraction procedure due to the nature of the sample. Reporting limits are factored for the sample size reduction.

GC/MS Dioxin Screen Prep Method EPA-625 (Z DIOXIN SCREEN PREP)
QC Batch No: L309824
The weight/volume extracted was reduced during the extraction procedure due to the nature of the sample. Reporting limits are factored for the sample size reduction.

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Sample Summary Table

Report Number: **16-309-0289**

Client Project Description: **Chromcraft**
1 Quality Dr., Senatobia, MS
Project #103902701061

Lab No	Client Sample ID	Matrix	Date Collected	Date Received	Method	Lab ID
93315	V2 - Solid	Solid	11/03/2016 12:30	11/04/2016	6010C	WTN
93315	V2 - Solid	Solid	11/03/2016 12:30	11/04/2016	7470A	WTN
93315	V2 - Solid	Solid	11/03/2016 12:30	11/04/2016	SW-1311	WTN
93316	V13 - Solid	Solid	11/03/2016 12:15	11/04/2016	6010C	WTN
93316	V13 - Solid	Solid	11/03/2016 12:15	11/04/2016	7470A	WTN
93316	V13 - Solid	Solid	11/03/2016 12:15	11/04/2016	SW-1311	WTN
93317	Washroom	Solid	11/03/2016 14:10	11/04/2016	6010C	WTN
93317	Washroom	Solid	11/03/2016 14:10	11/04/2016	7470A	WTN
93317	Washroom	Solid	11/03/2016 14:10	11/04/2016	SW-1311	WTN
93318	V2 - Liquid	Aqueous	11/03/2016 12:45	11/04/2016	4500H+B-2011	WTN
93319	V13 - Liquid	Aqueous	11/03/2016 13:00	11/04/2016	4500H+B-2011	WTN
93320	WT - A	Aqueous	11/03/2016 15:00	11/04/2016	4500CNE-2011	WTN
93320	WT - A	Aqueous	11/03/2016 15:00	11/04/2016	4500H+B-2011	WTN
93320	WT - A	Aqueous	11/03/2016 15:00	11/04/2016	608	WTN
93320	WT - A	Aqueous	11/03/2016 15:00	11/04/2016	624	WTN
93320	WT - A	Aqueous	11/03/2016 15:00	11/04/2016	625	WTN
93320	WT - A	Aqueous	11/03/2016 15:00	11/04/2016	625 Screen	WTN
93320	WT - A	Aqueous	11/03/2016 15:00	11/04/2016	EPA-200.7	WTN
93320	WT - A	Aqueous	11/03/2016 15:00	11/04/2016	EPA-608 (PCB)	WTN
93321	WT - B	Aqueous	11/03/2016 15:15	11/04/2016	4500CNE-2011	WTN
93321	WT - B	Aqueous	11/03/2016 15:15	11/04/2016	4500H+B-2011	WTN
93321	WT - B	Aqueous	11/03/2016 15:15	11/04/2016	608	WTN
93321	WT - B	Aqueous	11/03/2016 15:15	11/04/2016	624	WTN
93321	WT - B	Aqueous	11/03/2016 15:15	11/04/2016	625	WTN
93321	WT - B	Aqueous	11/03/2016 15:15	11/04/2016	625 Screen	WTN
93321	WT - B	Aqueous	11/03/2016 15:15	11/04/2016	EPA-200.7	WTN

WTN: Waypoint Analytical, Inc.

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Sample Summary Table

Report Number: **16-309-0289**

Client Project Description: **Chromcraft**
1 Quality Dr., Senatobia, MS
Project #103902701061

Lab No	Client Sample ID	Matrix	Date Collected	Date Received	Method	Lab ID
93321	WT - B	Aqueous	11/03/2016 15:15	11/04/2016	EPA-608 (PCB)	WTN
93322	WT - Overflow	Aqueous	11/03/2016 15:30	11/04/2016	4500CNE-2011	WTN
93322	WT - Overflow	Aqueous	11/03/2016 15:30	11/04/2016	4500H+B-2011	WTN
93322	WT - Overflow	Aqueous	11/03/2016 15:30	11/04/2016	608	WTN
93322	WT - Overflow	Aqueous	11/03/2016 15:30	11/04/2016	624	WTN
93322	WT - Overflow	Aqueous	11/03/2016 15:30	11/04/2016	625	WTN
93322	WT - Overflow	Aqueous	11/03/2016 15:30	11/04/2016	625 Screen	WTN
93322	WT - Overflow	Aqueous	11/03/2016 15:30	11/04/2016	EPA-200.7	WTN
93322	WT - Overflow	Aqueous	11/03/2016 15:30	11/04/2016	EPA-608 (PCB)	WTN
93323	WT - ST	Aqueous	11/03/2016 15:45	11/04/2016	4500CNE-2011	WTN
93323	WT - ST	Aqueous	11/03/2016 15:45	11/04/2016	4500H+B-2011	WTN
93323	WT - ST	Aqueous	11/03/2016 15:45	11/04/2016	608	WTN
93323	WT - ST	Aqueous	11/03/2016 15:45	11/04/2016	624	WTN
93323	WT - ST	Aqueous	11/03/2016 15:45	11/04/2016	625	WTN
93323	WT - ST	Aqueous	11/03/2016 15:45	11/04/2016	625 Screen	WTN
93323	WT - ST	Aqueous	11/03/2016 15:45	11/04/2016	EPA-200.7	WTN
93323	WT - ST	Aqueous	11/03/2016 15:45	11/04/2016	EPA-608 (PCB)	WTN

WTN: Waypoint Analytical, Inc.

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Lab No : **93315**
Sample ID : **V2 - Solid**

Matrix: **Solid**
Sampled: **11/3/2016 12:30**

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Method
TCLP Metals Extraction	**Leachate**				1	11/15/16 13:57	SAJ	SW-1311

Analytical Method: 6010C **Prep Batch(es):** **L311089** 11/16/16 10:05
Prep Method: 3005A

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Arsenic	**0.900**	mg/L	0.250	0.250	10	11/17/16 11:59	CCR	L311353
TCLP Barium	**0.031**	mg/L	0.025	0.025	1	11/16/16 20:02	CCR	L311198
TCLP Cadmium	<0.005	mg/L	0.005	0.005	1	11/16/16 20:02	CCR	L311198
TCLP Chromium	**19.5**	mg/L	0.010	0.010	1	11/16/16 20:02	CCR	L311198
TCLP Lead	**0.025**	mg/L	0.010	0.010	1	11/16/16 20:02	CCR	L311198
TCLP Selenium	<0.500	mg/L	0.500	0.500	10	11/17/16 11:59	CCR	L311353
TCLP Silver	<0.005	mg/L	0.005	0.005	1	11/16/16 20:02	CCR	L311198

Analytical Method: 7470A **Prep Batch(es):** **L311067** 11/16/16 09:10
Prep Method: 7470A

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Mercury	<0.0200	mg/L	0.0200	0.0200	1	11/16/16 14:12	KKM	L311174

Qualifiers/ Definitions				
	DF	Dilution Factor	J	Estimated value
	MQL	Method Quantitation Limit	Q	RPD >40% dual column results

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Lab No : **93316**
Sample ID : **V13 - Solid**

Matrix: **Solid**
Sampled: **11/3/2016 12:15**

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Method
TCLP Metals Extraction	**Leachate**				1	11/15/16 13:57	SAJ	SW-1311

Analytical Method: 6010C **Prep Batch(es):** **L311089** 11/16/16 10:05
Prep Method: 3005A

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Arsenic	<0.025	mg/L	0.025	0.025	1	11/17/16 12:09	CCR	L311353
TCLP Barium	<0.250	mg/L	0.250	0.250	10	11/16/16 20:12	CCR	L311198
TCLP Cadmium	<0.050	mg/L	0.050	0.050	10	11/16/16 20:12	CCR	L311198
TCLP Chromium	**9.60**	mg/L	0.100	0.100	10	11/16/16 20:12	CCR	L311198
TCLP Lead	<0.100	mg/L	0.100	0.100	10	11/16/16 20:12	CCR	L311198
TCLP Selenium	<0.050	mg/L	0.050	0.050	1	11/17/16 12:09	CCR	L311353
TCLP Silver	<0.050	mg/L	0.050	0.050	10	11/16/16 20:12	CCR	L311198

Analytical Method: 7470A **Prep Batch(es):** **L311067** 11/16/16 09:10
Prep Method: 7470A

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Mercury	<0.0200	mg/L	0.0200	0.0200	1	11/16/16 14:14	KKM	L311174

Qualifiers/ Definitions				
	DF	Dilution Factor	J	Estimated value
	MQL	Method Quantitation Limit	Q	RPD >40% dual column results

Waypoint ANALYTICAL

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Nathan Pera, IV
Project Manager

Lab No : **93318**
Sample ID : **V2 - Liquid**

Matrix: **Aqueous**
Sampled: **11/3/2016 12:45**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
pH	10.4	s.u.		1	11/04/16 15:15	RRR	4500H+B-2011

01/16/17

Qualifiers/ Definitions				
	DF	Dilution Factor	J	Estimated value
	MQL	Method Quantitation Limit	Q	RPD >40% dual column results

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Lab No : **93315**
Sample ID : **V2 - Solid**

Matrix: **Solid**
Sampled: **11/3/2016 12:30**

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Method
TCLP Metals Extraction	**Leachate**				1	11/15/16 13:57	SAJ	SW-1311

Analytical Method: 6010C
Prep Method: 3005A
Prep Batch(es): **L311089** 11/16/16 10:05

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Arsenic	**0.900**	mg/L	0.250	0.250	10	11/17/16 11:59	CCR	L311353
TCLP Barium	**0.031**	mg/L	0.025	0.025	1	11/16/16 20:02	CCR	L311198
TCLP Cadmium	~~<0.005~~	mg/L	0.005	0.005 U	1	11/16/16 20:02	CCR	L311198
TCLP Chromium	**19.5**	mg/L	0.010	0.010	1	11/16/16 20:02	CCR	L311198
TCLP Lead	**0.025**	mg/L	0.010	0.010	1	11/16/16 20:02	CCR	L311198
TCLP Selenium	~~<0.500~~	mg/L	0.500	0.500 U	10	11/17/16 11:59	CCR	L311353
TCLP Silver	~~<0.005~~	mg/L	0.005	0.005 U	1	11/16/16 20:02	CCR	L311198

Analytical Method: 7470A
Prep Method: 7470A
Prep Batch(es): **L311067** 11/16/16 09:10

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Mercury	~~<0.0200~~	mg/L	0.0200	0.0200 U	1	11/16/16 14:12	KKM	L311174

01/16/17

Qualifiers/ Definitions

DF	Dilution Factor	J	Estimated value
MQL	Method Quantitation Limit	Q	RPD >40% dual column results

Waypoint ANALYTICAL

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Lab No : **93319**
Sample ID : **V13 - Liquid**

Matrix: **Aqueous**
Sampled: **11/3/2016 13:00**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
pH	1.0	s.u.		1	11/04/16 15:15	RRR	4500H+B-2011

gaw
01/16/17

Qualifiers/ Definitions				
	DF	Dilution Factor	J	Estimated value
	MQL	Method Quantitation Limit	Q	RPD >40% dual column results

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Lab No : **93316**
Sample ID : **V13 - Solid**

Matrix: **Solid**
Sampled: **11/3/2016 12:15**

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Method
TCLP Metals Extraction	**Leachate**				1	11/15/16 13:57	SAJ	SW-1311

Analytical Method: 6010C **Prep Batch(es):** **L311089** 11/16/16 10:05
Prep Method: 3005A

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Arsenic	<0.025	mg/L	0.025	0.025 U	1	11/17/16 12:09	CCR	L311353
TCLP Barium	<0.250	mg/L	0.250	0.250	10	11/16/16 20:12	CCR	L311198
TCLP Cadmium	<0.050	mg/L	0.050	0.050	10	11/16/16 20:12	CCR	L311198
TCLP Chromium	**9.60**	mg/L	0.100	0.100	10	11/16/16 20:12	CCR	L311198
TCLP Lead	<0.100	mg/L	0.100	0.100 U	10	11/16/16 20:12	CCR	L311198
TCLP Selenium	<0.050	mg/L	0.050	0.050	1	11/17/16 12:09	CCR	L311353
TCLP Silver	<0.050	mg/L	0.050	0.050	10	11/16/16 20:12	CCR	L311198

Analytical Method: 7470A **Prep Batch(es):** **L311067** 11/16/16 09:10
Prep Method: 7470A

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Mercury	<0.0200	mg/L	0.0200	0.0200 U	1	11/16/16 14:14	KKM	L311174

01/16/17

Qualifiers/ Definitions				
	DF	Dilution Factor	J	Estimated value
	MQL	Method Quantitation Limit	Q	RPD >40% dual column results

Waypoint ANALYTICAL

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Lab No : **93317**
Sample ID : **Washroom**

Matrix: **Solid**
Sampled: **11/3/2016 14:10**

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Method
TCLP Metals Extraction	**Leachate**				1	11/15/16 13:57	SAJ	SW-1311

Analytical Method: 6010C **Prep Batch(es):** **L311089** 11/16/16 10:05
Prep Method: 3005A

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Arsenic	~~<0.025~~	mg/L	0.025	0.025 U	1	11/17/16 12:13	CCR	L311353
TCLP Barium	**0.275**	mg/L	0.025	0.025	1	11/16/16 20:16	CCR	L311198
TCLP Cadmium	**0.018**	mg/L	0.005	0.005	1	11/16/16 20:16	CCR	L311198
TCLP Chromium	~~<0.010~~	mg/L	0.010	0.010 U	1	11/16/16 20:16	CCR	L311198
TCLP Lead	<0.010	mg/L	0.010	0.010	1	11/16/16 20:16	CCR	L311198
TCLP Selenium	<0.050	mg/L	0.050	0.050	1	11/17/16 12:13	CCR	L311353
TCLP Silver	~~<0.005~~	mg/L	0.005	0.005	1	11/16/16 20:16	CCR	L311198

Analytical Method: 7470A **Prep Batch(es):** **L311067** 11/16/16 09:10
Prep Method: 7470A

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Mercury	~~<0.0200~~	mg/L	0.0200	0.0200 U	1	11/16/16 14:16	KKM	L311174

01/16/17

Qualifiers/ Definitions				
	DF	Dilution Factor	J	Estimated value
	MQL	Method Quantitation Limit	Q	RPD >40% dual column results

Waypoint ANALYTICAL

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Lab No : **93320**
Sample ID : **WT - A**

Matrix: **Aqueous**
Sampled: **11/3/2016 15:00**

Analytical Method: 624 **Prep Batch(es):** **L310437** 11/10/16 09:39
Prep Method: EPA-624 (PREP)

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Acrolein	<17.2	µg/L	17.2	200 U	10	11/10/16 17:04	AGH	L310440
Acrylonitrile	<10.3	µg/L	10.3	200	10	11/10/16 17:04	AGH	L310440
Benzene	<1.47	µg/L	1.47	10.0	10	11/10/16 17:04	AGH	L310440
Bromodichloromethane	<2.04	µg/L	2.04	10.0	10	11/10/16 17:04	AGH	L310440
Bromoform	<4.65	µg/L	4.65	10.0	10	11/10/16 17:04	AGH	L310440
Bromomethane	<4.88	µg/L	4.88	10.0	10	11/10/16 17:04	AGH	L310440
Carbon Tetrachloride	<2.11	µg/L	2.11	10.0	10	11/10/16 17:04	AGH	L310440
Chlorobenzene	<4.52	µg/L	4.52	10.0	10	11/10/16 17:04	AGH	L310440
Chlorodibromomethane	<2.54	µg/L	2.54	10.0	10	11/10/16 17:04	AGH	L310440
Chloroethane	<5.92	µg/L	5.92	10.0	10	11/10/16 17:04	AGH	L310440
2-Chloroethylvinyl Ether	<8.02	µg/L	8.02	50.0 UJ	10	11/10/16 17:04	AGH	L310440
Chloroform	<1.97	µg/L	1.97	10.0 U	10	11/10/16 17:04	AGH	L310440
Chloromethane	<5.39	µg/L	5.39	10.0	10	11/10/16 17:04	AGH	L310440
Dichlorodifluoromethane	<7.12	µg/L	7.12	10.0	10	11/10/16 17:04	AGH	L310440
1,1-Dichloroethane	<1.68	µg/L	1.68	10.0	10	11/10/16 17:04	AGH	L310440
1,2-Dichloroethane	<1.00	µg/L	1.00	10.0	10	11/10/16 17:04	AGH	L310440
1,1-Dichloroethene	<1.38	µg/L	1.38	10.0	10	11/10/16 17:04	AGH	L310440
1,2-Trans-dichlorothylene	<1.73	µg/L	1.73	10.0	10	11/10/16 17:04	AGH	L310440
1,2-Dichloropropane	<3.29	µg/L	3.29	10.0	10	11/10/16 17:04	AGH	L310440
cis-1,3-Dichloropropene	<1.71	µg/L	1.71	10.0	10	11/10/16 17:04	AGH	L310440
trans-1,3-Dichloropropene	<2.33	µg/L	2.33	10.0	10	11/10/16 17:04	AGH	L310440
Ethylbenzene	<2.76	µg/L	2.76	10.0	10	11/10/16 17:04	AGH	L310440

Qualifiers/ Definitions

DF Dilution Factor
MQL Method Quantitation Limit
J Estimated value
Q RPD >40% dual column results

01/16/17

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Lab No : **93320**
Sample ID : **WT - A**

Matrix: **Aqueous**
Sampled: **11/3/2016 15:00**

Analytical Method: 624 **Prep Batch(es):** **L310437** 11/10/16 09:39
Prep Method: EPA-624 (PREP)

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Methylene Chloride	<37.5	µg/L	37.5	100 U	10	11/10/16 17:04	AGH	L310440
1,1,2,2-Tetrachloroethane	<4.82	µg/L	4.82	10.0	10	11/10/16 17:04	AGH	L310440
Tetrachloroethylene	<2.65	µg/L	2.65	10.0	10	11/10/16 17:04	AGH	L310440
Toluene	<2.03	µg/L	2.03	50.0	10	11/10/16 17:04	AGH	L310440
1,1,1-Trichloroethane	<1.63	µg/L	1.63	10.0	10	11/10/16 17:04	AGH	L310440
1,1,2-Trichloroethane	<2.16	µg/L	2.16	10.0	10	11/10/16 17:04	AGH	L310440
Trichloroethylene	<2.73	µg/L	2.73	10.0	10	11/10/16 17:04	AGH	L310440
Trichlorofluoromethane	<3.08	µg/L	3.08	10.0	10	11/10/16 17:04	AGH	L310440
Vinyl Chloride	<3.94	µg/L	3.94	10.0	10	11/10/16 17:04	AGH	L310440
Surrogate: 4-Bromofluorobenzene	99.6		Limits: 71-131%		10	11/10/16 17:04	AGH	L310440
Surrogate: Dibromofluoromethane	71.4		Limits: 70-128%		10	11/10/16 17:04	AGH	L310440
Surrogate: 1,2-Dichloroethane - d4	72.0		Limits: 67-136%		10	11/10/16 17:04	AGH	L310440
Surrogate: Toluene-d8	80.0		Limits: 70-130%		10	11/10/16 17:04	AGH	L310440

Analytical Method: 625 **Prep Batch(es):** **L310032** 11/08/16 13:40
Prep Method: 625

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Acenaphthene	<0.480	µg/L	0.480	2.00 U	1	11/08/16 18:58	CGC	L310168
Acenaphthylene	<0.418	µg/L	0.418	2.00	1	11/08/16 18:58	CGC	L310168
Anthracene	<0.452	µg/L	0.452	2.00	1	11/08/16 18:58	CGC	L310168
Benzidine	<1.08	µg/L	1.08	20.0 UJ	1	11/08/16 18:58	CGC	L310168
Benzo(a)anthracene	<0.263	µg/L	0.263	2.00 U	1	11/08/16 18:58	CGC	L310168

Qualifiers/ Definitions

DF	Dilution Factor	J	Estimated value
MQL	Method Quantitation Limit	Q	RPD >40% dual column results

gas
01/16/17

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Lab No : **93320**
Sample ID : **WT - A**

Matrix: **Aqueous**
Sampled: **11/3/2016 15:00**

Analytical Method: 625 **Prep Batch(es):** **L310032** 11/08/16 13:40
Prep Method: 625

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Benzo(a)pyrene	<0.238	µg/L	0.238	2.00 U	1	11/08/16 18:58	CGC	L310168
Benzo(b)fluoranthene	<0.315	µg/L	0.315	2.00	1	11/08/16 18:58	CGC	L310168
Benzo(g,h,i)perylene	<0.501	µg/L	0.501	2.00	1	11/08/16 18:58	CGC	L310168
Benzo(k)fluoranthene	<0.422	µg/L	0.422	2.00	1	11/08/16 18:58	CGC	L310168
Bis(2-Chloroethoxy)methane	<0.307	µg/L	0.307	5.00	1	11/08/16 18:58	CGC	L310168
Bis(2-Chloroethyl)ether	<0.482	µg/L	0.482	5.00	1	11/08/16 18:58	CGC	L310168
Bis(2-Chloroisopropyl)ether	<0.568	µg/L	0.568	5.00	1	11/08/16 18:58	CGC	L310168
Bis(2-ethylhexyl)phthalate	<0.534	µg/L	0.534	10.0	1	11/08/16 18:58	CGC	L310168
4-Bromophenyl phenyl ether	<0.415	µg/L	0.415	5.00	1	11/08/16 18:58	CGC	L310168
Butyl benzyl phthalate	<0.378	µg/L	0.378	5.00	1	11/08/16 18:58	CGC	L310168
4-Chloro-3-methylphenol	<0.343	µg/L	0.343	5.00	1	11/08/16 18:58	CGC	L310168
2-Chloronaphthalene	<0.544	µg/L	0.544	5.00	1	11/08/16 18:58	CGC	L310168
2-Chlorophenol	<0.520	µg/L	0.520	5.00	1	11/08/16 18:58	CGC	L310168
4-Chlorophenyl phenyl ether	<0.230	µg/L	0.230	5.00	1	11/08/16 18:58	CGC	L310168
Chrysene	<0.373	µg/L	0.373	2.00	1	11/08/16 18:58	CGC	L310168
Dibenz(a,h)anthracene	<0.325	µg/L	0.325	2.00	1	11/08/16 18:58	CGC	L310168
1,2-Dichlorobenzene	<0.731	µg/L	0.731	5.00	1	11/08/16 18:58	CGC	L310168
1,3-Dichlorobenzene	<0.726	µg/L	0.726	5.00	1	11/08/16 18:58	CGC	L310168
1,4-Dichlorobenzene	<0.547	µg/L	0.547	5.00	1	11/08/16 18:58	CGC	L310168
3,3'-Dichlorobenzidine	<0.664	µg/L	0.664	5.00	1	11/08/16 18:58	CGC	L310168
2,4-Dichlorophenol	**0.518 J**	µg/L	0.317	5.00	1	11/08/16 18:58	CGC	L310168
Diethyl phthalate	<0.234	µg/L	0.234	5.00 U	1	11/08/16 18:58	CGC	L310168

Qualifiers/ Definitions

DF	Dilution Factor	J	Estimated value
MQL	Method Quantitation Limit	Q	RPD >40% dual column results

01/16/17

Waypoint ANALYTICAL

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Lab No : **93320**
Sample ID : **WT - A**

Matrix: **Aqueous**
Sampled: **11/3/2016 15:00**

Analytical Method: 625 **Prep Batch(es):** **L310032** 11/08/16 13:40
Prep Method: 625

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Dimethyl phthalate	<0.384	µg/L	0.384	5.00 u	1	11/08/16 18:58	CGC	L310168
2,4-Dimethylphenol	<0.842	µg/L	0.842	5.00	1	11/08/16 18:58	CGC	L310168
Di-n-butyl phthalate	<0.401	µg/L	0.401	5.00	1	11/08/16 18:58	CGC	L310168
4,6-Dinitro-o-cresol	<0.454	µg/L	0.454	10.0	1	11/08/16 18:58	CGC	L310168
2,4-Dinitrophenol	<0.229	µg/L	0.229	5.00	1	11/08/16 18:58	CGC	L310168
2,4-Dinitrotoluene	<0.958	µg/L	0.958	5.00	1	11/08/16 18:58	CGC	L310168
2,6-Dinitrotoluene	<0.705	µg/L	0.705	5.00	1	11/08/16 18:58	CGC	L310168
Di-n-Octyl Phthalate	<0.353	µg/L	0.353	5.00	1	11/08/16 18:58	CGC	L310168
1,2-Diphenylhydrazine/Azobenzene	<0.408	µg/L	0.408	5.00	1	11/08/16 18:58	CGC	L310168
Fluoranthene	<0.439	µg/L	0.439	2.00	1	11/08/16 18:58	CGC	L310168
Fluorene	<0.292	µg/L	0.292	2.00	1	11/08/16 18:58	CGC	L310168
Hexachlorobenzene	<0.310	µg/L	0.310	5.00	1	11/08/16 18:58	CGC	L310168
Hexachlorobutadiene	<0.653	µg/L	0.653	5.00	1	11/08/16 18:58	CGC	L310168
Hexachlorocyclopentadiene	<0.232	µg/L	0.232	5.00	1	11/08/16 18:58	CGC	L310168
Hexachloroethane	<0.582	µg/L	0.582	5.00	1	11/08/16 18:58	CGC	L310168
Indeno(1,2,3-cd)pyrene	<0.518	µg/L	0.518	2.00	1	11/08/16 18:58	CGC	L310168
Isophorone	<0.189	µg/L	0.189	5.00	1	11/08/16 18:58	CGC	L310168
Naphthalene	<0.304	µg/L	0.304	2.00	1	11/08/16 18:58	CGC	L310168
Nitrobenzene	<0.355	µg/L	0.355	5.00	1	11/08/16 18:58	CGC	L310168
2-Nitrophenol	<0.504	µg/L	0.504	5.00	1	11/08/16 18:58	CGC	L310168
4-Nitrophenol	<0.373	µg/L	0.373	20.0	1	11/08/16 18:58	CGC	L310168
N-Nitrosodimethylamine	<0.370	µg/L	0.370	5.00	1	11/08/16 18:58	CGC	L310168

Qualifiers/ Definitions

DF	Dilution Factor	J	Estimated value
MQL	Method Quantitation Limit	Q	RPD >40% dual column results

01/16/17

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Lab No : **93320**
Sample ID : **WT - A**

Matrix: **Aqueous**
Sampled: **11/3/2016 15:00**

Analytical Method: 625 **Prep Batch(es):** **L310032** 11/08/16 13:40
Prep Method: 625

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
N-Nitrosodiphenylamine	<0.406	µg/L	0.406	10.0 U	1	11/08/16 18:58	CGC	L310168
N-Nitroso-di-n-propylamine	<0.561	µg/L	0.561	5.00	1	11/08/16 18:58	CGC	L310168
Pentachlorophenol	<0.540	µg/L	0.540	5.00	1	11/08/16 18:58	CGC	L310168
Phenanthrene	<0.455	µg/L	0.455	2.00	1	11/08/16 18:58	CGC	L310168
Phenol	<0.258	µg/L	0.258	5.00	1	11/08/16 18:58	CGC	L310168
Pyrene	<0.526	µg/L	0.526	2.00	1	11/08/16 18:58	CGC	L310168
1,2,4-Trichlorobenzene	<0.494	µg/L	0.494	5.00	1	11/08/16 18:58	CGC	L310168
2,4,6-Trichlorophenol	<0.415	µg/L	0.415	5.00	1	11/08/16 18:58	CGC	L310168
Surrogate: 2-Fluorobiphenyl	61.4		Limits: 38-107%		1	11/08/16 18:58	CGC	L310168
Surrogate: 2-Fluorophenol	29.4		Limits: 8-88%		1	11/08/16 18:58	CGC	L310168
Surrogate: Nitrobenzene-d5	57.2		Limits: 29-105%		1	11/08/16 18:58	CGC	L310168
Surrogate: Phenol-d6	21.1		Limits: 7-58%		1	11/08/16 18:58	CGC	L310168
Surrogate: 4-Terphenyl-d14	76.6		Limits: 30-130%		1	11/08/16 18:58	CGC	L310168
Surrogate: 2,4,6-Tribromophenol	79.9		Limits: 16-138%		1	11/08/16 18:58	CGC	L310168

Analytical Method: 625 Screen **Prep Batch(es):** **L309824** 11/07/16 10:40
Prep Method: 625

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch	
Dioxin (2,3,7,8-TCDD) screen	~~<0.200~~	µg/L	0.200	1.00 U	1	11/09/16 00:36	RQE	L310125	~

01/16/17

Qualifiers/ Definitions				
	DF	Dilution Factor	J	Estimated value
	MQL	Method Quantitation Limit	Q	RPD >40% dual column results

Waypoint ANALYTICAL

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Nathan Pera, IV
Project Manager

Lab No : **93320**
Sample ID : **WT - A**

Matrix: **Aqueous**
Sampled: **11/3/2016 15:00**

Analytical Method: 608
Prep Method: EPA-608 (PREP)
Prep Batch(es): **L309794** 11/07/16 09:40

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Aldrin	<0.00983	µg/L	0.00983	0.0400 U	10	11/07/16 19:58	VIC	L310017
alpha-BHC	<0.00700	µg/L	0.00700	0.0400	10	11/07/16 19:58	VIC	L310017
beta-BHC	<0.0193	µg/L	0.0193	0.0400	10	11/07/16 19:58	VIC	L310017
delta-BHC	<0.0143	µg/L	0.0143	0.0400	10	11/07/16 19:58	VIC	L310017
Chlordane	<0.0670	µg/L	0.0670	0.200	10	11/07/16 19:58	VIC	L310017
4,4'-DDD	<0.0120	µg/L	0.0120	0.0400	10	11/07/16 19:58	VIC	L310017
4,4'-DDE	<0.0101	µg/L	0.0101	0.0400	10	11/07/16 19:58	VIC	L310017
4,4'-DDT	<0.0138	µg/L	0.0138	0.0400	10	11/07/16 19:58	VIC	L310017
Dieldrin	<0.00942	µg/L	0.00942	0.0400	10	11/07/16 19:58	VIC	L310017
Alpha-endosulfan	<0.0182	µg/L	0.0182	0.0400	10	11/07/16 19:58	VIC	L310017
Beta-endosulfan	<0.0220	µg/L	0.0220	0.0400	10	11/07/16 19:58	VIC	L310017
Endosulfan Sulfate	<0.0240	µg/L	0.0240	0.0400	10	11/07/16 19:58	VIC	L310017
Endrin	<0.00327	µg/L	0.00327	0.0400	10	11/07/16 19:58	VIC	L310017
Endrin Aldehyde	<0.00503	µg/L	0.00503	0.0400	10	11/07/16 19:58	VIC	L310017
gamma-BHC	**0.00405 J**	µg/L	0.00305	0.0400	10	11/07/16 19:58	VIC	L310017
Heptachlor	<0.00275	µg/L	0.00275	0.0400 U	10	11/07/16 19:58	VIC	L310017
Heptachlor Epoxide	<0.00282	µg/L	0.00282	0.0400	10	11/07/16 19:58	VIC	L310017
Toxaphene	<0.100	µg/L	0.100	0.300	10	11/07/16 19:58	VIC	L310017
Surrogate: Decachlorobiphenyl	54.8		Limits: 36-116%		10	11/07/16 19:58	VIC	L310017
Surrogate: Tetrachloro-m-xylene	33.9		Limits: 25-123%		10	11/07/16 19:58	VIC	L310017

gaw
01/16/17

Qualifiers/ Definitions

DF	Dilution Factor	J	Estimated value
MQL	Method Quantitation Limit	Q	RPD >40% dual column results

Waypoint ANALYTICAL

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Lab No : **93320**
Sample ID : **WT - A**

Matrix: **Aqueous**
Sampled: **11/3/2016 15:00**

Analytical Method: EPA-608 (PCB) **Prep Batch(es):** **L309792** 11/07/16 09:40
Prep Method: EPA-608 (PCB Prep)

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Aroclor 1016	<0.0351	µg/L	0.0351	0.200 u	1	11/07/16 18:29	VIC	L310057
Aroclor 1221	<0.167	µg/L	0.167	0.200	1	11/07/16 18:29	VIC	L310057
Aroclor 1232	<0.167	µg/L	0.167	0.200	1	11/07/16 18:29	VIC	L310057
Aroclor 1242	<0.167	µg/L	0.167	0.200	1	11/07/16 18:29	VIC	L310057
Aroclor 1248	<0.167	µg/L	0.167	0.200	1	11/07/16 18:29	VIC	L310057
Aroclor 1254	<0.167	µg/L	0.167	0.200	1	11/07/16 18:29	VIC	L310057
Aroclor 1260	<0.0513	µg/L	0.0513	0.200	1	11/07/16 18:29	VIC	L310057
Surrogate: Decachlorobiphenyl	75.4		Limits: 25-125%		1	11/07/16 18:29	VIC	L310057
Surrogate: Tetrachloro-m-xylene	79.9		Limits: 25-125%		1	11/07/16 18:29	VIC	L310057

gaw
01/16/17

Qualifiers/ Definitions				
	DF	Dilution Factor	J	Estimated value
	MQL	Method Quantitation Limit	Q	RPD >40% dual column results

Waypoint ANALYTICAL

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Lab No : **93320**
Sample ID : **WT - A**

Matrix: **Aqueous**
Sampled: **11/3/2016 15:00**

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Method
Cyanide, Total	**0.019**	mg/L	0.003	0.005	1	11/07/16 10:53	EWB	4500CNE-2011
pH	**8.8**	s.u.			1	11/04/16 15:15	RRR	4500H+B-2011
Total Cadmium	~~<0.0005~~	mg/L	0.0005	0.0020 U	1	11/10/16 20:27	CCR	EPA-200.7
Total Chromium	**0.011**	mg/L	0.001	0.005	1	11/10/16 20:27	CCR	EPA-200.7
Total Copper	**0.010**	mg/L	0.002	0.005	1	11/10/16 20:27	CCR	EPA-200.7
Total Lead	~~<0.003~~	mg/L	0.003	0.006 U	1	11/10/16 20:27	CCR	EPA-200.7
Total Nickel	**0.526**	mg/L	0.002	0.005	1	11/10/16 20:27	CCR	EPA-200.7
Total Silver	~~<0.001~~	mg/L	0.001	0.005 U	1	11/10/16 20:27	CCR	EPA-200.7
Total Zinc	**0.006 J**	mg/L	0.002	0.010	1	11/10/16 20:27	CCR	EPA-200.7

gaw
01/16/17

Qualifiers/ Definitions				
	DF	Dilution Factor	J	Estimated value
	MQL	Method Quantitation Limit	Q	RPD >40% dual column results

Waypoint ANALYTICAL

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Lab No : **93321**
Sample ID : **WT - B**

Matrix: **Aqueous**
Sampled: **11/3/2016 15:15**

Analytical Method: 624 **Prep Batch(es):** **L310437** 11/10/16 09:39
Prep Method: EPA-624 (PREP)

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Acrolein	<17.2	µg/L	17.2	200 U	10	11/10/16 17:45	AGH	L310440
Acrylonitrile	<10.3	µg/L	10.3	200	10	11/10/16 17:45	AGH	L310440
Benzene	<1.47	µg/L	1.47	10.0	10	11/10/16 17:45	AGH	L310440
Bromodichloromethane	<2.04	µg/L	2.04	10.0	10	11/10/16 17:45	AGH	L310440
Bromoform	<4.65	µg/L	4.65	10.0	10	11/10/16 17:45	AGH	L310440
Bromomethane	<4.88	µg/L	4.88	10.0	10	11/10/16 17:45	AGH	L310440
Carbon Tetrachloride	<2.11	µg/L	2.11	10.0	10	11/10/16 17:45	AGH	L310440
Chlorobenzene	<4.52	µg/L	4.52	10.0	10	11/10/16 17:45	AGH	L310440
Chlorodibromomethane	<2.54	µg/L	2.54	10.0	10	11/10/16 17:45	AGH	L310440
Chloroethane	<5.92	µg/L	5.92	10.0	10	11/10/16 17:45	AGH	L310440
2-Chloroethylvinyl Ether	<8.02	µg/L	8.02	50.0 UJ	10	11/10/16 17:45	AGH	L310440
Chloroform	<1.97	µg/L	1.97	10.0 U	10	11/10/16 17:45	AGH	L310440
Chloromethane	<5.39	µg/L	5.39	10.0	10	11/10/16 17:45	AGH	L310440
Dichlorodifluoromethane	<7.12	µg/L	7.12	10.0	10	11/10/16 17:45	AGH	L310440
1,1-Dichloroethane	<1.68	µg/L	1.68	10.0	10	11/10/16 17:45	AGH	L310440
1,2-Dichloroethane	<1.00	µg/L	1.00	10.0	10	11/10/16 17:45	AGH	L310440
1,1-Dichloroethene	<1.38	µg/L	1.38	10.0	10	11/10/16 17:45	AGH	L310440
1,2-Trans-dichlorothylene	<1.73	µg/L	1.73	10.0	10	11/10/16 17:45	AGH	L310440
1,2-Dichloropropane	<3.29	µg/L	3.29	10.0	10	11/10/16 17:45	AGH	L310440
cis-1,3-Dichloropropene	<1.71	µg/L	1.71	10.0	10	11/10/16 17:45	AGH	L310440
trans-1,3-Dichloropropene	<2.33	µg/L	2.33	10.0	10	11/10/16 17:45	AGH	L310440
Ethylbenzene	<2.76	µg/L	2.76	10.0	10	11/10/16 17:45	AGH	L310440

Qualifiers/ Definitions

DF	Dilution Factor	J	Estimated value
MQL	Method Quantitation Limit	Q	RPD >40% dual column results

01/16/17

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Lab No : **93321**
Sample ID : **WT - B**

Matrix: **Aqueous**
Sampled: **11/3/2016 15:15**

Analytical Method: 624 **Prep Batch(es):** **L310437** 11/10/16 09:39
Prep Method: EPA-624 (PREP)

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Methylene Chloride	<37.5	µg/L	37.5	100 U	10	11/10/16 17:45	AGH	L310440
1,1,2,2-Tetrachloroethane	<4.82	µg/L	4.82	10.0	10	11/10/16 17:45	AGH	L310440
Tetrachloroethylene	<2.65	µg/L	2.65	10.0	10	11/10/16 17:45	AGH	L310440
Toluene	<2.03	µg/L	2.03	50.0	10	11/10/16 17:45	AGH	L310440
1,1,1-Trichloroethane	<1.63	µg/L	1.63	10.0	10	11/10/16 17:45	AGH	L310440
1,1,2-Trichloroethane	<2.16	µg/L	2.16	10.0	10	11/10/16 17:45	AGH	L310440
Trichloroethylene	<2.73	µg/L	2.73	10.0	10	11/10/16 17:45	AGH	L310440
Trichlorofluoromethane	<3.08	µg/L	3.08	10.0	10	11/10/16 17:45	AGH	L310440
Vinyl Chloride	<3.94	µg/L	3.94	10.0	10	11/10/16 17:45	AGH	L310440
Surrogate: 4-Bromofluorobenzene	108		Limits: 71-131%		10	11/10/16 17:45	AGH	L310440
Surrogate: Dibromofluoromethane	84.8		Limits: 70-128%		10	11/10/16 17:45	AGH	L310440
Surrogate: 1,2-Dichloroethane - d4	77.0		Limits: 67-136%		10	11/10/16 17:45	AGH	L310440
Surrogate: Toluene-d8	76.0		Limits: 70-130%		10	11/10/16 17:45	AGH	L310440

Analytical Method: 625 **Prep Batch(es):** **L310032** 11/08/16 13:40
Prep Method: 625

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Acenaphthene	<0.960	µg/L	0.960	4.00 U	1	11/08/16 19:26	CGC	L310168
Acenaphthylene	<0.836	µg/L	0.836	4.00	1	11/08/16 19:26	CGC	L310168
Anthracene	<0.905	µg/L	0.905	4.00	1	11/08/16 19:26	CGC	L310168
Benzidine	<2.16	µg/L	2.16	40.0 UJ	1	11/08/16 19:26	CGC	L310168
Benzo(a)anthracene	<0.526	µg/L	0.526	4.00 U	1	11/08/16 19:26	CGC	L310168

Qualifiers/ Definitions
DF Dilution Factor
MQL Method Quantitation Limit
J Estimated value
Q RPD >40% dual column results

gaw
01/16/17

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Lab No : **93321**
Sample ID : **WT - B**

Matrix: **Aqueous**
Sampled: **11/3/2016 15:15**

Analytical Method: 625 **Prep Batch(es):** **L310032** 11/08/16 13:40
Prep Method: 625

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Benzo(a)pyrene	<0.477	µg/L	0.477	4.00 U	1	11/08/16 19:26	CGC	L310168
Benzo(b)fluoranthene	<0.631	µg/L	0.631	4.00	1	11/08/16 19:26	CGC	L310168
Benzo(g,h,i)perylene	<1.00	µg/L	1.00	4.00	1	11/08/16 19:26	CGC	L310168
Benzo(k)fluoranthene	<0.845	µg/L	0.845	4.00	1	11/08/16 19:26	CGC	L310168
Bis(2-Chloroethoxy)methane	<0.615	µg/L	0.615	10.0	1	11/08/16 19:26	CGC	L310168
Bis(2-Chloroethyl)ether	<0.965	µg/L	0.965	10.0	1	11/08/16 19:26	CGC	L310168
Bis(2-Chloroisopropyl)ether	<1.14	µg/L	1.14	10.0	1	11/08/16 19:26	CGC	L310168
Bis(2-ethylhexyl)phthalate	<1.07	µg/L	1.07	20.0	1	11/08/16 19:26	CGC	L310168
4-Bromophenyl phenyl ether	<0.831	µg/L	0.831	10.0	1	11/08/16 19:26	CGC	L310168
Butyl benzyl phthalate	<0.757	µg/L	0.757	10.0	1	11/08/16 19:26	CGC	L310168
4-Chloro-3-methylphenol	<0.686	µg/L	0.686	10.0	1	11/08/16 19:26	CGC	L310168
2-Chloronaphthalene	<1.09	µg/L	1.09	10.0	1	11/08/16 19:26	CGC	L310168
2-Chlorophenol	<1.04	µg/L	1.04	10.0	1	11/08/16 19:26	CGC	L310168
4-Chlorophenyl phenyl ether	<0.461	µg/L	0.461	10.0	1	11/08/16 19:26	CGC	L310168
Chrysene	<0.746	µg/L	0.746	4.00	1	11/08/16 19:26	CGC	L310168
Dibenz(a,h)anthracene	<0.651	µg/L	0.651	4.00	1	11/08/16 19:26	CGC	L310168
1,2-Dichlorobenzene	<1.46	µg/L	1.46	10.0	1	11/08/16 19:26	CGC	L310168
1,3-Dichlorobenzene	<1.45	µg/L	1.45	10.0	1	11/08/16 19:26	CGC	L310168
1,4-Dichlorobenzene	<1.09	µg/L	1.09	10.0	1	11/08/16 19:26	CGC	L310168
3,3'-Dichlorobenzidine	<1.33	µg/L	1.33	10.0	1	11/08/16 19:26	CGC	L310168
2,4-Dichlorophenol	**1.12 J**	µg/L	0.635	10.0	1	11/08/16 19:26	CGC	L310168
Diethyl phthalate	<0.469	µg/L	0.469	10.0 U	1	11/08/16 19:26	CGC	L310168

Qualifiers/ Definitions

DF	Dilution Factor	J	Estimated value
MQL	Method Quantitation Limit	Q	RPD >40% dual column results

01/16/17

Waypoint ANALYTICAL

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Lab No : **93321**
Sample ID : **WT - B**

Matrix: **Aqueous**
Sampled: **11/3/2016 15:15**

Analytical Method: 625 **Prep Batch(es):** **L310032** 11/08/16 13:40
Prep Method: 625

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Dimethyl phthalate	<0.769	µg/L	0.769	10.0	1	11/08/16 19:26	CGC	L310168
2,4-Dimethylphenol	<1.69	µg/L	1.69	10.0	1	11/08/16 19:26	CGC	L310168
Di-n-butyl phthalate	<0.803	µg/L	0.803	10.0	1	11/08/16 19:26	CGC	L310168
4,6-Dinitro-o-cresol	<0.908	µg/L	0.908	20.0	1	11/08/16 19:26	CGC	L310168
2,4-Dinitrophenol	<0.458	µg/L	0.458	10.0	1	11/08/16 19:26	CGC	L310168
2,4-Dinitrotoluene	<1.92	µg/L	1.92	10.0	1	11/08/16 19:26	CGC	L310168
2,6-Dinitrotoluene	<1.41	µg/L	1.41	10.0	1	11/08/16 19:26	CGC	L310168
Di-n-Octyl Phthalate	<0.707	µg/L	0.707	10.0	1	11/08/16 19:26	CGC	L310168
1,2-Diphenylhydrazine/Azobenzene	<0.817	µg/L	0.817	10.0	1	11/08/16 19:26	CGC	L310168
Fluoranthene	<0.879	µg/L	0.879	4.00	1	11/08/16 19:26	CGC	L310168
Fluorene	<0.585	µg/L	0.585	4.00	1	11/08/16 19:26	CGC	L310168
Hexachlorobenzene	<0.621	µg/L	0.621	10.0	1	11/08/16 19:26	CGC	L310168
Hexachlorobutadiene	<1.31	µg/L	1.31	10.0	1	11/08/16 19:26	CGC	L310168
Hexachlorocyclopentadiene	<0.464	µg/L	0.464	10.0	1	11/08/16 19:26	CGC	L310168
Hexachloroethane	<1.17	µg/L	1.17	10.0	1	11/08/16 19:26	CGC	L310168
Indeno(1,2,3-cd)pyrene	<1.04	µg/L	1.04	4.00	1	11/08/16 19:26	CGC	L310168
Isophorone	<0.379	µg/L	0.379	10.0	1	11/08/16 19:26	CGC	L310168
Naphthalene	<0.608	µg/L	0.608	4.00	1	11/08/16 19:26	CGC	L310168
Nitrobenzene	<0.710	µg/L	0.710	10.0	1	11/08/16 19:26	CGC	L310168
2-Nitrophenol	<1.01	µg/L	1.01	10.0	1	11/08/16 19:26	CGC	L310168
4-Nitrophenol	<0.746	µg/L	0.746	40.0	1	11/08/16 19:26	CGC	L310168
N-Nitrosodimethylamine	<0.741	µg/L	0.741	10.0	1	11/08/16 19:26	CGC	L310168

Qualifiers/ Definitions

DF	Dilution Factor	J	Estimated value
MQL	Method Quantitation Limit	Q	RPD >40% dual column results

01/16/17

Waypoint ANALYTICAL

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Lab No : **93321**
Sample ID : **WT - B**

Matrix: **Aqueous**
Sampled: **11/3/2016 15:15**

Analytical Method: 625 **Prep Batch(es):** **L310032** 11/08/16 13:40
Prep Method: 625

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
N-Nitrosodiphenylamine	<0.812	µg/L	0.812	20.0 U	1	11/08/16 19:26	CGC	L310168
N-Nitroso-di-n-propylamine	<1.12	µg/L	1.12	10.0	1	11/08/16 19:26	CGC	L310168
Pentachlorophenol	<1.08	µg/L	1.08	10.0	1	11/08/16 19:26	CGC	L310168
Phenanthrene	<0.911	µg/L	0.911	4.00	1	11/08/16 19:26	CGC	L310168
Phenol	<0.517	µg/L	0.517	10.0	1	11/08/16 19:26	CGC	L310168
Pyrene	<1.05	µg/L	1.05	4.00	1	11/08/16 19:26	CGC	L310168
1,2,4-Trichlorobenzene	<0.988	µg/L	0.988	10.0	1	11/08/16 19:26	CGC	L310168
2,4,6-Trichlorophenol	<0.831	µg/L	0.831	10.0	1	11/08/16 19:26	CGC	L310168
Surrogate: 2-Fluorobiphenyl	47.1		Limits: 38-107%		1	11/08/16 19:26	CGC	L310168
Surrogate: 2-Fluorophenol	30.5		Limits: 8-88%		1	11/08/16 19:26	CGC	L310168
Surrogate: Nitrobenzene-d5	49.0		Limits: 29-105%		1	11/08/16 19:26	CGC	L310168
Surrogate: Phenol-d6	21.1		Limits: 7-58%		1	11/08/16 19:26	CGC	L310168
Surrogate: 4-Terphenyl-d14	53.0		Limits: 30-130%		1	11/08/16 19:26	CGC	L310168
Surrogate: 2,4,6-Tribromophenol	60.3		Limits: 16-138%		1	11/08/16 19:26	CGC	L310168

Analytical Method: 625 Screen **Prep Batch(es):** **L309824** 11/07/16 10:40
Prep Method: 625

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch	
Dioxin (2,3,7,8-TCDD) screen	~~<0.400~~	µg/L	0.400	1.00 U	1	11/09/16 01:08	RQE	L310125	~

gaw
01/16/17

Qualifiers/ Definitions

DF	Dilution Factor	J	Estimated value
MQL	Method Quantitation Limit	Q	RPD >40% dual column results

Waypoint ANALYTICAL

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Lab No : **93321**
Sample ID : **WT - B**

Matrix: **Aqueous**
Sampled: **11/3/2016 15:15**

Analytical Method: 608 **Prep Batch(es):** **L309794** 11/07/16 09:40
Prep Method: EPA-608 (PREP)

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Aldrin	<0.0197	µg/L	0.0197	0.0800 U	10	11/07/16 20:15	VIC	L310017
alpha-BHC	<0.0140	µg/L	0.0140	0.0800	10	11/07/16 20:15	VIC	L310017
beta-BHC	<0.0387	µg/L	0.0387	0.0800	10	11/07/16 20:15	VIC	L310017
delta-BHC	<0.0285	µg/L	0.0285	0.0800	10	11/07/16 20:15	VIC	L310017
Chlordane	<0.134	µg/L	0.134	0.400	10	11/07/16 20:15	VIC	L310017
4,4'-DDD	**0.0269 JQ**	µg/L	0.0240	0.0800	10	11/07/16 20:15	VIC	L310017
4,4'-DDE	<0.0201	µg/L	0.0201	0.0800 U	10	11/07/16 20:15	VIC	L310017
4,4'-DDT	<0.0276	µg/L	0.0276	0.0800	10	11/07/16 20:15	VIC	L310017
Dieldrin	<0.0188	µg/L	0.0188	0.0800	10	11/07/16 20:15	VIC	L310017
Alpha-endosulfan	<0.0364	µg/L	0.0364	0.0800	10	11/07/16 20:15	VIC	L310017
Beta-endosulfan	<0.0439	µg/L	0.0439	0.0800	10	11/07/16 20:15	VIC	L310017
Endosulfan Sulfate	<0.0480	µg/L	0.0480	0.0800	10	11/07/16 20:15	VIC	L310017
Endrin	<0.00654	µg/L	0.00654	0.0800	10	11/07/16 20:15	VIC	L310017
Endrin Aldehyde	**0.0140 JQ**	µg/L	0.0101	0.0800	10	11/07/16 20:15	VIC	L310017
gamma-BHC	<0.00610	µg/L	0.00610	0.0800 U	10	11/07/16 20:15	VIC	L310017
Heptachlor	<0.00550	µg/L	0.00550	0.0800	10	11/07/16 20:15	VIC	L310017
Heptachlor Epoxide	<0.00564	µg/L	0.00564	0.0800	10	11/07/16 20:15	VIC	L310017
Toxaphene	<0.200	µg/L	0.200	0.600	10	11/07/16 20:15	VIC	L310017
Surrogate: Decachlorobiphenyl	60.0		Limits: 36-116%		10	11/07/16 20:15	VIC	L310017
Surrogate: Tetrachloro-m-xylene	36.3		Limits: 25-123%		10	11/07/16 20:15	VIC	L310017

01/16/17

Qualifiers/ Definitions

DF	Dilution Factor	J	Estimated value
MQL	Method Quantitation Limit	Q	RPD >40% dual column results

Waypoint ANALYTICAL

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Nathan Pera, IV
Project Manager

Lab No : **93321**
Sample ID : **WT - B**

Matrix: **Aqueous**
Sampled: **11/3/2016 15:15**

Analytical Method: EPA-608 (PCB) **Prep Batch(es):** **L309792** 11/07/16 09:40
Prep Method: EPA-608 (PCB Prep)

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Aroclor 1016	<0.0702	µg/L	0.0702	0.400 U	1	11/07/16 18:45	VIC	L310057
Aroclor 1221	<0.334	µg/L	0.334	0.400	1	11/07/16 18:45	VIC	L310057
Aroclor 1232	<0.334	µg/L	0.334	0.400	1	11/07/16 18:45	VIC	L310057
Aroclor 1242	<0.334	µg/L	0.334	0.400	1	11/07/16 18:45	VIC	L310057
Aroclor 1248	<0.334	µg/L	0.334	0.400	1	11/07/16 18:45	VIC	L310057
Aroclor 1254	<0.334	µg/L	0.334	0.400	1	11/07/16 18:45	VIC	L310057
Aroclor 1260	<0.103	µg/L	0.103	0.400	1	11/07/16 18:45	VIC	L310057
Surrogate: Decachlorobiphenyl	58.8		Limits: 25-125%		1	11/07/16 18:45	VIC	L310057
Surrogate: Tetrachloro-m-xylene	42.3		Limits: 25-125%		1	11/07/16 18:45	VIC	L310057

01/16/17

Qualifiers/ Definitions

DF	Dilution Factor	J	Estimated value
MQL	Method Quantitation Limit	Q	RPD >40% dual column results

Waypoint ANALYTICAL

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Lab No : **93321**
Sample ID : **WT - B**

Matrix: **Aqueous**
Sampled: **11/3/2016 15:15**

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Method
Cyanide, Total	**0.190**	mg/L	0.003	0.005	1	11/07/16 10:53	EWB	4500CNE-2011
pH	**8.5**	s.u.			1	11/04/16 15:15	RRR	4500H+B-2011
Total Cadmium	~~<0.0005~~	mg/L	0.0005	0.0020 U	1	11/10/16 20:32	CCR	EPA-200.7
Total Chromium	**0.005**	mg/L	0.001	0.005	1	11/10/16 20:32	CCR	EPA-200.7
Total Copper	**0.097**	mg/L	0.002	0.005	1	11/10/16 20:32	CCR	EPA-200.7
Total Lead	**0.011**	mg/L	0.003	0.006	1	11/10/16 20:32	CCR	EPA-200.7
Total Nickel	**3.88**	mg/L	0.002	0.005	1	11/10/16 20:32	CCR	EPA-200.7
Total Silver	~~<0.001~~	mg/L	0.001	0.005 U	1	11/10/16 20:32	CCR	EPA-200.7
Total Zinc	**0.006 J**	mg/L	0.002	0.010	1	11/10/16 20:32	CCR	EPA-200.7

gaw
01/16/17

Qualifiers/ Definitions				
	DF	Dilution Factor	J	Estimated value
	MQL	Method Quantitation Limit	Q	RPD >40% dual column results

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Nathan Pera, IV
Project Manager

Lab No : **93322**
Sample ID : **WT - Overflow**

Matrix: **Aqueous**
Sampled: **11/3/2016 15:30**

Analytical Method: 624
Prep Method: EPA-624 (PREP)
Prep Batch(es): **L310437** 11/10/16 09:39

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Acrolein	<17.2	µg/L	17.2	200 U	10	11/10/16 18:27	AGH	L310440
Acrylonitrile	<10.3	µg/L	10.3	200	10	11/10/16 18:27	AGH	L310440
Benzene	<1.47	µg/L	1.47	10.0	10	11/10/16 18:27	AGH	L310440
Bromodichloromethane	<2.04	µg/L	2.04	10.0	10	11/10/16 18:27	AGH	L310440
Bromoform	<4.65	µg/L	4.65	10.0	10	11/10/16 18:27	AGH	L310440
Bromomethane	<4.88	µg/L	4.88	10.0	10	11/10/16 18:27	AGH	L310440
Carbon Tetrachloride	<2.11	µg/L	2.11	10.0	10	11/10/16 18:27	AGH	L310440
Chlorobenzene	<4.52	µg/L	4.52	10.0	10	11/10/16 18:27	AGH	L310440
Chlorodibromomethane	<2.54	µg/L	2.54	10.0	10	11/10/16 18:27	AGH	L310440
Chloroethane	<5.92	µg/L	5.92	10.0	10	11/10/16 18:27	AGH	L310440
2-Chloroethylvinyl Ether	<8.02	µg/L	8.02	50.0 UJ	10	11/10/16 18:27	AGH	L310440
Chloroform	<1.97	µg/L	1.97	10.0 U	10	11/10/16 18:27	AGH	L310440
Chloromethane	<5.39	µg/L	5.39	10.0	10	11/10/16 18:27	AGH	L310440
Dichlorodifluoromethane	<7.12	µg/L	7.12	10.0	10	11/10/16 18:27	AGH	L310440
1,1-Dichloroethane	<1.68	µg/L	1.68	10.0	10	11/10/16 18:27	AGH	L310440
1,2-Dichloroethane	<1.00	µg/L	1.00	10.0	10	11/10/16 18:27	AGH	L310440
1,1-Dichloroethene	<1.38	µg/L	1.38	10.0	10	11/10/16 18:27	AGH	L310440
1,2-Trans-dichlorothylene	<1.73	µg/L	1.73	10.0	10	11/10/16 18:27	AGH	L310440
1,2-Dichloropropane	<3.29	µg/L	3.29	10.0	10	11/10/16 18:27	AGH	L310440
cis-1,3-Dichloropropene	<1.71	µg/L	1.71	10.0	10	11/10/16 18:27	AGH	L310440
trans-1,3-Dichloropropene	<2.33	µg/L	2.33	10.0	10	11/10/16 18:27	AGH	L310440
Ethylbenzene	<2.76	µg/L	2.76	10.0	10	11/10/16 18:27	AGH	L310440

Qualifiers/ Definitions

DF Dilution Factor
MQL Method Quantitation Limit
J Estimated value
Q RPD >40% dual column results

01/16/17

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Lab No : **93322**
Sample ID : **WT - Overflow**

Matrix: **Aqueous**
Sampled: **11/3/2016 15:30**

Analytical Method: 624 **Prep Batch(es):** **L310437** 11/10/16 09:39
Prep Method: EPA-624 (PREP)

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Methylene Chloride	<37.5	µg/L	37.5	100 U	10	11/10/16 18:27	AGH	L310440
1,1,2,2-Tetrachloroethane	<4.82	µg/L	4.82	10.0	10	11/10/16 18:27	AGH	L310440
Tetrachloroethylene	<2.65	µg/L	2.65	10.0	10	11/10/16 18:27	AGH	L310440
Toluene	<2.03	µg/L	2.03	50.0	10	11/10/16 18:27	AGH	L310440
1,1,1-Trichloroethane	<1.63	µg/L	1.63	10.0	10	11/10/16 18:27	AGH	L310440
1,1,2-Trichloroethane	<2.16	µg/L	2.16	10.0	10	11/10/16 18:27	AGH	L310440
Trichloroethylene	<2.73	µg/L	2.73	10.0	10	11/10/16 18:27	AGH	L310440
Trichlorofluoromethane	<3.08	µg/L	3.08	10.0	10	11/10/16 18:27	AGH	L310440
Vinyl Chloride	<3.94	µg/L	3.94	10.0	10	11/10/16 18:27	AGH	L310440
Surrogate: 4-Bromofluorobenzene	100		Limits: 71-131%		10	11/10/16 18:27	AGH	L310440
Surrogate: Dibromofluoromethane	72.2		Limits: 70-128%		10	11/10/16 18:27	AGH	L310440
Surrogate: 1,2-Dichloroethane - d4	69.4		Limits: 67-136%		10	11/10/16 18:27	AGH	L310440
Surrogate: Toluene-d8	80.0		Limits: 70-130%		10	11/10/16 18:27	AGH	L310440

Analytical Method: 625 **Prep Batch(es):** **L310032** 11/08/16 13:40
Prep Method: 625

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Acenaphthene	<0.480	µg/L	0.480	2.00 U	1	11/10/16 14:13	CGC	L310168
Acenaphthylene	<0.418	µg/L	0.418	2.00	1	11/10/16 14:13	CGC	L310168
Anthracene	<0.452	µg/L	0.452	2.00	1	11/10/16 14:13	CGC	L310168
Benzidine	<1.08	µg/L	1.08	20.0 UJ	1	11/10/16 14:13	CGC	L310168
Benzo(a)anthracene	<0.263	µg/L	0.263	2.00 U	1	11/10/16 14:13	CGC	L310168

Qualifiers/ Definitions

DF	Dilution Factor	J	Estimated value
MQL	Method Quantitation Limit	Q	RPD >40% dual column results

gaw
01/16/17

Waypoint ANALYTICAL

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Lab No : **93322**
Sample ID : **WT - Overflow**

Matrix: **Aqueous**
Sampled: **11/3/2016 15:30**

Analytical Method: 625
Prep Method: 625

Prep Batch(es): **L310032** 11/08/16 13:40

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Benzo(a)pyrene	<0.238	µg/L	0.238	2.00 U	1	11/10/16 14:13	CGC	L310168
Benzo(b)fluoranthene	<0.315	µg/L	0.315	2.00	1	11/10/16 14:13	CGC	L310168
Benzo(g,h,i)perylene	<0.501	µg/L	0.501	2.00	1	11/10/16 14:13	CGC	L310168
Benzo(k)fluoranthene	<0.422	µg/L	0.422	2.00	1	11/10/16 14:13	CGC	L310168
Bis(2-Chloroethoxy)methane	<0.307	µg/L	0.307	5.00	1	11/10/16 14:13	CGC	L310168
Bis(2-Chloroethyl)ether	<0.482	µg/L	0.482	5.00	1	11/10/16 14:13	CGC	L310168
Bis(2-Chloroisopropyl)ether	<0.568	µg/L	0.568	5.00	1	11/10/16 14:13	CGC	L310168
Bis(2-ethylhexyl)phthalate	<0.534	µg/L	0.534	10.0	1	11/10/16 14:13	CGC	L310168
4-Bromophenyl phenyl ether	<0.415	µg/L	0.415	5.00	1	11/10/16 14:13	CGC	L310168
Butyl benzyl phthalate	<0.378	µg/L	0.378	5.00	1	11/10/16 14:13	CGC	L310168
4-Chloro-3-methylphenol	<0.343	µg/L	0.343	5.00	1	11/10/16 14:13	CGC	L310168
2-Chloronaphthalene	<0.544	µg/L	0.544	5.00	1	11/10/16 14:13	CGC	L310168
2-Chlorophenol	<0.520	µg/L	0.520	5.00	1	11/10/16 14:13	CGC	L310168
4-Chlorophenyl phenyl ether	<0.230	µg/L	0.230	5.00	1	11/10/16 14:13	CGC	L310168
Chrysene	<0.373	µg/L	0.373	2.00	1	11/10/16 14:13	CGC	L310168
Dibenz(a,h)anthracene	<0.325	µg/L	0.325	2.00	1	11/10/16 14:13	CGC	L310168
1,2-Dichlorobenzene	<0.731	µg/L	0.731	5.00	1	11/10/16 14:13	CGC	L310168
1,3-Dichlorobenzene	<0.726	µg/L	0.726	5.00	1	11/10/16 14:13	CGC	L310168
1,4-Dichlorobenzene	<0.547	µg/L	0.547	5.00	1	11/10/16 14:13	CGC	L310168
3,3'-Dichlorobenzidine	<0.664	µg/L	0.664	5.00	1	11/10/16 14:13	CGC	L310168
2,4-Dichlorophenol	<0.317	µg/L	0.317	5.00	1	11/10/16 14:13	CGC	L310168
Diethyl phthalate	<0.234	µg/L	0.234	5.00	1	11/10/16 14:13	CGC	L310168

Qualifiers/ Definitions

DF Dilution Factor
MQL Method Quantitation Limit
J Estimated value
Q RPD >40% dual column results

01/16/17

Waypoint ANALYTICAL

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Lab No : **93322**
Sample ID : **WT - Overflow**

Matrix: **Aqueous**
Sampled: **11/3/2016 15:30**

Analytical Method: 625 **Prep Batch(es):** **L310032** 11/08/16 13:40
Prep Method: 625

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Dimethyl phthalate	<0.384	µg/L	0.384	5.00 U	1	11/10/16 14:13	CGC	L310168
2,4-Dimethylphenol	<0.842	µg/L	0.842	5.00	1	11/10/16 14:13	CGC	L310168
Di-n-butyl phthalate	<0.401	µg/L	0.401	5.00	1	11/10/16 14:13	CGC	L310168
4,6-Dinitro-o-cresol	<0.454	µg/L	0.454	10.0	1	11/10/16 14:13	CGC	L310168
2,4-Dinitrophenol	<0.229	µg/L	0.229	5.00	1	11/10/16 14:13	CGC	L310168
2,4-Dinitrotoluene	<0.958	µg/L	0.958	5.00	1	11/10/16 14:13	CGC	L310168
2,6-Dinitrotoluene	<0.705	µg/L	0.705	5.00	1	11/10/16 14:13	CGC	L310168
Di-n-Octyl Phthalate	<0.353	µg/L	0.353	5.00	1	11/10/16 14:13	CGC	L310168
1,2-Diphenylhydrazine/Azobenzene	<0.408	µg/L	0.408	5.00	1	11/10/16 14:13	CGC	L310168
Fluoranthene	<0.439	µg/L	0.439	2.00	1	11/10/16 14:13	CGC	L310168
Fluorene	<0.292	µg/L	0.292	2.00	1	11/10/16 14:13	CGC	L310168
Hexachlorobenzene	<0.310	µg/L	0.310	5.00	1	11/10/16 14:13	CGC	L310168
Hexachlorobutadiene	<0.653	µg/L	0.653	5.00	1	11/10/16 14:13	CGC	L310168
Hexachlorocyclopentadiene	<0.232	µg/L	0.232	5.00	1	11/10/16 14:13	CGC	L310168
Hexachloroethane	<0.582	µg/L	0.582	5.00	1	11/10/16 14:13	CGC	L310168
Indeno(1,2,3-cd)pyrene	<0.518	µg/L	0.518	2.00	1	11/10/16 14:13	CGC	L310168
Isophorone	<0.189	µg/L	0.189	5.00	1	11/10/16 14:13	CGC	L310168
Naphthalene	<0.304	µg/L	0.304	2.00	1	11/10/16 14:13	CGC	L310168
Nitrobenzene	<0.355	µg/L	0.355	5.00	1	11/10/16 14:13	CGC	L310168
2-Nitrophenol	<0.504	µg/L	0.504	5.00	1	11/10/16 14:13	CGC	L310168
4-Nitrophenol	<0.373	µg/L	0.373	20.0	1	11/10/16 14:13	CGC	L310168
N-Nitrosodimethylamine	<0.370	µg/L	0.370	5.00	1	11/10/16 14:13	CGC	L310168

Qualifiers/ Definitions

DF	Dilution Factor	J	Estimated value
MQL	Method Quantitation Limit	Q	RPD >40% dual column results

01/16/17

Waypoint ANALYTICAL

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Lab No : **93322**
Sample ID : **WT - Overflow**

Matrix: **Aqueous**
Sampled: **11/3/2016 15:30**

Analytical Method: 625 **Prep Batch(es):** **L310032** 11/08/16 13:40
Prep Method: 625

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
N-Nitrosodiphenylamine	<0.406	µg/L	0.406	10.0 U	1	11/10/16 14:13	CGC	L310168
N-Nitroso-di-n-propylamine	<0.561	µg/L	0.561	5.00	1	11/10/16 14:13	CGC	L310168
Pentachlorophenol	<0.540	µg/L	0.540	5.00	1	11/10/16 14:13	CGC	L310168
Phenanthrene	<0.455	µg/L	0.455	2.00	1	11/10/16 14:13	CGC	L310168
Phenol	<0.258	µg/L	0.258	5.00	1	11/10/16 14:13	CGC	L310168
Pyrene	<0.526	µg/L	0.526	2.00	1	11/10/16 14:13	CGC	L310168
1,2,4-Trichlorobenzene	<0.494	µg/L	0.494	5.00	1	11/10/16 14:13	CGC	L310168
2,4,6-Trichlorophenol	**0.863 J**	µg/L	0.415	5.00	1	11/10/16 14:13	CGC	L310168
Surrogate: 2-Fluorobiphenyl	47.0		Limits: 38-107%		1	11/10/16 14:13	CGC	L310168
Surrogate: 2-Fluorophenol	24.3		Limits: 8-88%		1	11/10/16 14:13	CGC	L310168
Surrogate: Nitrobenzene-d5	43.7		Limits: 29-105%		1	11/10/16 14:13	CGC	L310168
Surrogate: Phenol-d6	20.7		Limits: 7-58%		1	11/10/16 14:13	CGC	L310168
Surrogate: 4-Terphenyl-d14	62.6		Limits: 30-130%		1	11/10/16 14:13	CGC	L310168
Surrogate: 2,4,6-Tribromophenol	55.0		Limits: 16-138%		1	11/10/16 14:13	CGC	L310168

Analytical Method: 625 Screen **Prep Batch(es):** **L309824** 11/07/16 10:40
Prep Method: 625

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch	
Dioxin (2,3,7,8-TCDD) screen	<0.200	µg/L	0.200	1.00 U	1	11/09/16 01:39	RQE	L310125	~

gaw
01/16/17

Qualifiers/ Definitions

DF	Dilution Factor	J	Estimated value
MQL	Method Quantitation Limit	Q	RPD >40% dual column results

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Lab No : **93322**
Sample ID : **WT - Overflow**

Matrix: **Aqueous**
Sampled: **11/3/2016 15:30**

Analytical Method: 608 **Prep Batch(es):** **L309794** 11/07/16 09:40
Prep Method: EPA-608 (PREP)

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Aldrin	<0.00983	µg/L	0.00983	0.0400 U	10	11/07/16 20:33	VIC	L310017
alpha-BHC	<0.00700	µg/L	0.00700	0.0400	10	11/07/16 20:33	VIC	L310017
beta-BHC	<0.0193	µg/L	0.0193	0.0400	10	11/07/16 20:33	VIC	L310017
delta-BHC	**1.03 Q** J	µg/L	0.0143	0.0400	10	11/07/16 20:33	VIC	L310017
Chlordane	<0.0670	µg/L	0.0670	0.200 U	10	11/07/16 20:33	VIC	L310017
4,4'-DDD	**0.0251 JQ**	µg/L	0.0120	0.0400	10	11/07/16 20:33	VIC	L310017
4,4'-DDE	<0.0101	µg/L	0.0101	0.0400 U	10	11/07/16 20:33	VIC	L310017
4,4'-DDT	<0.0138	µg/L	0.0138	0.0400	10	11/07/16 20:33	VIC	L310017
Dieldrin	<0.00942	µg/L	0.00942	0.0400	10	11/07/16 20:33	VIC	L310017
Alpha-endosulfan	<0.0182	µg/L	0.0182	0.0400	10	11/07/16 20:33	VIC	L310017
Beta-endosulfan	<0.0220	µg/L	0.0220	0.0400	10	11/07/16 20:33	VIC	L310017
Endosulfan Sulfate	<0.0240	µg/L	0.0240	0.0400	10	11/07/16 20:33	VIC	L310017
Endrin	<0.00327	µg/L	0.00327	0.0400	10	11/07/16 20:33	VIC	L310017
Endrin Aldehyde	<0.00503	µg/L	0.00503	0.0400	10	11/07/16 20:33	VIC	L310017
gamma-BHC	**0.0114 JQ**	µg/L	0.00305	0.0400	10	11/07/16 20:33	VIC	L310017
Heptachlor	<0.00275	µg/L	0.00275	0.0400 U	10	11/07/16 20:33	VIC	L310017
Heptachlor Epoxide	<0.00282	µg/L	0.00282	0.0400	10	11/07/16 20:33	VIC	L310017
Toxaphene	<0.100	µg/L	0.100	0.300	10	11/07/16 20:33	VIC	L310017
Surrogate: Decachlorobiphenyl	38.9		Limits: 36-116%		10	11/07/16 20:33	VIC	L310017
Surrogate: Tetrachloro-m-xylene	29.9		Limits: 25-123%		10	11/07/16 20:33	VIC	L310017

gaw
01/16/17

Qualifiers/ Definitions

DF	Dilution Factor	J	Estimated value
MQL	Method Quantitation Limit	Q	RPD >40% dual column results

Waypoint ANALYTICAL

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Lab No : **93322**
Sample ID : **WT - Overflow**

Matrix: **Aqueous**
Sampled: **11/3/2016 15:30**

Analytical Method: EPA-608 (PCB) **Prep Batch(es):** **L309792** 11/07/16 09:40
Prep Method: EPA-608 (PCB Prep)

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Aroclor 1016	~~<0.0351~~	µg/L	0.0351	0.200 U	1	11/07/16 19:02	VIC	L310057
Aroclor 1221	~~<0.167~~	µg/L	0.167	0.200	1	11/07/16 19:02	VIC	L310057
Aroclor 1232	~~<0.167~~	µg/L	0.167	0.200	1	11/07/16 19:02	VIC	L310057
Aroclor 1242	~~<0.167~~	µg/L	0.167	0.200	1	11/07/16 19:02	VIC	L310057
Aroclor 1248	~~<0.167~~	µg/L	0.167	0.200	1	11/07/16 19:02	VIC	L310057
Aroclor 1254	~~<0.167~~	µg/L	0.167	0.200	1	11/07/16 19:02	VIC	L310057
Aroclor 1260	~~<0.0513~~	µg/L	0.0513	0.200	1	11/07/16 19:02	VIC	L310057
Surrogate: Decachlorobiphenyl	61.1		Limits: 25-125%		1	11/07/16 19:02	VIC	L310057
Surrogate: Tetrachloro-m-xylene	53.2		Limits: 25-125%		1	11/07/16 19:02	VIC	L310057

gaw
01/16/17

Qualifiers/ Definitions

DF	Dilution Factor	J	Estimated value
MQL	Method Quantitation Limit	Q	RPD >40% dual column results

Waypoint ANALYTICAL

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Lab No : **93322**
Sample ID : **WT - Overflow**

Matrix: **Aqueous**
Sampled: **11/3/2016 15:30**

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Method
Cyanide, Total	**0.043**	mg/L	0.003	0.005	1	11/07/16 10:53	EWB	4500CNE-2011
pH	**9.7**	s.u.			1	11/04/16 15:15	RRR	4500H+B-2011
Total Cadmium	~~<0.0005~~	mg/L	0.0005	0.0020 u	1	11/10/16 20:37	CCR	EPA-200.7
Total Chromium	**3.14**	mg/L	0.001	0.005	1	11/10/16 20:37	CCR	EPA-200.7
Total Copper	**0.510**	mg/L	0.002	0.005	1	11/10/16 20:37	CCR	EPA-200.7
Total Lead	**0.038**	mg/L	0.003	0.006	1	11/10/16 20:37	CCR	EPA-200.7
Total Nickel	**12.0**	mg/L	0.002	0.005	1	11/10/16 20:37	CCR	EPA-200.7
Total Silver	~~<0.001~~	mg/L	0.001	0.005 u	1	11/10/16 20:37	CCR	EPA-200.7
Total Zinc	**0.128**	mg/L	0.002	0.010	1	11/10/16 20:37	CCR	EPA-200.7

01/16/17

Qualifiers/ Definitions				
	DF	Dilution Factor	J	Estimated value
	MQL	Method Quantitation Limit	Q	RPD >40% dual column results

Waypoint ANALYTICAL

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Lab No : **93323**
Sample ID : **WT - ST**

Matrix: **Aqueous**
Sampled: **11/3/2016 15:45**

Analytical Method: 624 **Prep Batch(es):** **L310437** 11/10/16 09:39
Prep Method: EPA-624 (PREP)

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Acrolein	<1.72	µg/L	1.72	20.0 UJ	1	11/10/16 19:08	AGH	L310440
Acrylonitrile	<1.03	µg/L	1.03	20.0 U	1	11/10/16 19:08	AGH	L310440
Benzene	<0.147	µg/L	0.147	1.00	1	11/10/16 19:08	AGH	L310440
Bromodichloromethane	<0.204	µg/L	0.204	1.00	1	11/10/16 19:08	AGH	L310440
Bromoform	<0.465	µg/L	0.465	1.00	1	11/10/16 19:08	AGH	L310440
Bromomethane	<0.488	µg/L	0.488	1.00	1	11/10/16 19:08	AGH	L310440
Carbon Tetrachloride	<0.211	µg/L	0.211	1.00	1	11/10/16 19:08	AGH	L310440
Chlorobenzene	<0.452	µg/L	0.452	1.00	1	11/10/16 19:08	AGH	L310440
Chlorodibromomethane	<0.254	µg/L	0.254	1.00	1	11/10/16 19:08	AGH	L310440
Chloroethane	<0.592	µg/L	0.592	1.00	1	11/10/16 19:08	AGH	L310440
2-Chloroethylvinyl Ether	<0.802	µg/L	0.802	5.00 UJ	1	11/10/16 19:08	AGH	L310440
Chloroform	<0.197	µg/L	0.197	1.00 U	1	11/10/16 19:08	AGH	L310440
Chloromethane	<0.539	µg/L	0.539	1.00	1	11/10/16 19:08	AGH	L310440
Dichlorodifluoromethane	<0.712	µg/L	0.712	1.00	1	11/10/16 19:08	AGH	L310440
1,1-Dichloroethane	<0.168	µg/L	0.168	1.00	1	11/10/16 19:08	AGH	L310440
1,2-Dichloroethane	<0.100	µg/L	0.100	1.00	1	11/10/16 19:08	AGH	L310440
1,1-Dichloroethene	<0.138	µg/L	0.138	1.00	1	11/10/16 19:08	AGH	L310440
1,2-Trans-dichlorothylene	<0.173	µg/L	0.173	1.00	1	11/10/16 19:08	AGH	L310440
1,2-Dichloropropane	<0.329	µg/L	0.329	1.00	1	11/10/16 19:08	AGH	L310440
cis-1,3-Dichloropropene	<0.171	µg/L	0.171	1.00	1	11/10/16 19:08	AGH	L310440
trans-1,3-Dichloropropene	<0.233	µg/L	0.233	1.00	1	11/10/16 19:08	AGH	L310440
Ethylbenzene	<0.276	µg/L	0.276	1.00	1	11/10/16 19:08	AGH	L310440

Qualifiers/ Definitions

DF	Dilution Factor	J	Estimated value
MQL	Method Quantitation Limit	Q	RPD >40% dual column results

01/16/17

Waypoint ANALYTICAL

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Lab No : **93323**
Sample ID : **WT - ST**

Matrix: **Aqueous**
Sampled: **11/3/2016 15:45**

Analytical Method: 624 **Prep Batch(es):** **L310437** 11/10/16 09:39
Prep Method: EPA-624 (PREP)

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Methylene Chloride	<3.75	µg/L	3.75	10.0 U	1	11/10/16 19:08	AGH	L310440
1,1,2,2-Tetrachloroethane	<0.482	µg/L	0.482	1.00	1	11/10/16 19:08	AGH	L310440
Tetrachloroethylene	<0.265	µg/L	0.265	1.00	1	11/10/16 19:08	AGH	L310440
Toluene	<0.203	µg/L	0.203	5.00	1	11/10/16 19:08	AGH	L310440
1,1,1-Trichloroethane	<0.163	µg/L	0.163	1.00	1	11/10/16 19:08	AGH	L310440
1,1,2-Trichloroethane	<0.216	µg/L	0.216	1.00	1	11/10/16 19:08	AGH	L310440
Trichloroethylene	<0.273	µg/L	0.273	1.00	1	11/10/16 19:08	AGH	L310440
Trichlorofluoromethane	<0.308	µg/L	0.308	1.00	1	11/10/16 19:08	AGH	L310440
Vinyl Chloride	<0.394	µg/L	0.394	1.00	1	11/10/16 19:08	AGH	L310440
Surrogate: 4-Bromofluorobenzene	107		Limits: 71-131%		1	11/10/16 19:08	AGH	L310440
Surrogate: Dibromofluoromethane	70.6		Limits: 70-128%		1	11/10/16 19:08	AGH	L310440
Surrogate: 1,2-Dichloroethane - d4	74.2		Limits: 67-136%		1	11/10/16 19:08	AGH	L310440
Surrogate: Toluene-d8	78.2		Limits: 70-130%		1	11/10/16 19:08	AGH	L310440

Analytical Method: 625 **Prep Batch(es):** **L310032** 11/08/16 13:40
Prep Method: 625

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Acenaphthene	<0.480	µg/L	0.480	2.00 U	1	11/08/16 20:20	CGC	L310168
Acenaphthylene	<0.418	µg/L	0.418	2.00	1	11/08/16 20:20	CGC	L310168
Anthracene	<0.452	µg/L	0.452	2.00	1	11/08/16 20:20	CGC	L310168
Benzidine	<1.08	µg/L	1.08	20.0 UJ	1	11/08/16 20:20	CGC	L310168
Benzo(a)anthracene	<0.263	µg/L	0.263	2.00 U	1	11/08/16 20:20	CGC	L310168

Qualifiers/ Definitions

DF	Dilution Factor	J	Estimated value
MQL	Method Quantitation Limit	Q	RPD >40% dual column results

gaw
01/16/17

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Nathan Pera, IV
Project Manager

Lab No : **93323**
Sample ID : **WT - ST**

Matrix: **Aqueous**
Sampled: **11/3/2016 15:45**

Analytical Method: 625
Prep Method: 625
Prep Batch(es): **L310032** 11/08/16 13:40

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Benzo(a)pyrene	<0.238	µg/L	0.238	2.00 U	1	11/08/16 20:20	CGC	L310168
Benzo(b)fluoranthene	<0.315	µg/L	0.315	2.00	1	11/08/16 20:20	CGC	L310168
Benzo(g,h,i)perylene	<0.501	µg/L	0.501	2.00	1	11/08/16 20:20	CGC	L310168
Benzo(k)fluoranthene	<0.422	µg/L	0.422	2.00	1	11/08/16 20:20	CGC	L310168
Bis(2-Chloroethoxy)methane	<0.307	µg/L	0.307	5.00	1	11/08/16 20:20	CGC	L310168
Bis(2-Chloroethyl)ether	<0.482	µg/L	0.482	5.00	1	11/08/16 20:20	CGC	L310168
Bis(2-Chloroisopropyl)ether	<0.568	µg/L	0.568	5.00	1	11/08/16 20:20	CGC	L310168
Bis(2-ethylhexyl)phthalate	<0.534	µg/L	0.534	10.0	1	11/08/16 20:20	CGC	L310168
4-Bromophenyl phenyl ether	<0.415	µg/L	0.415	5.00	1	11/08/16 20:20	CGC	L310168
Butyl benzyl phthalate	<0.378	µg/L	0.378	5.00	1	11/08/16 20:20	CGC	L310168
4-Chloro-3-methylphenol	<0.343	µg/L	0.343	5.00	1	11/08/16 20:20	CGC	L310168
2-Chloronaphthalene	<0.544	µg/L	0.544	5.00	1	11/08/16 20:20	CGC	L310168
2-Chlorophenol	<0.520	µg/L	0.520	5.00	1	11/08/16 20:20	CGC	L310168
4-Chlorophenyl phenyl ether	<0.230	µg/L	0.230	5.00	1	11/08/16 20:20	CGC	L310168
Chrysene	<0.373	µg/L	0.373	2.00	1	11/08/16 20:20	CGC	L310168
Dibenz(a,h)anthracene	<0.325	µg/L	0.325	2.00	1	11/08/16 20:20	CGC	L310168
1,2-Dichlorobenzene	<0.731	µg/L	0.731	5.00	1	11/08/16 20:20	CGC	L310168
1,3-Dichlorobenzene	<0.726	µg/L	0.726	5.00	1	11/08/16 20:20	CGC	L310168
1,4-Dichlorobenzene	<0.547	µg/L	0.547	5.00	1	11/08/16 20:20	CGC	L310168
3,3'-Dichlorobenzidine	<0.664	µg/L	0.664	5.00	1	11/08/16 20:20	CGC	L310168
2,4-Dichlorophenol	<0.317	µg/L	0.317	5.00	1	11/08/16 20:20	CGC	L310168
Diethyl phthalate	<0.234	µg/L	0.234	5.00	1	11/08/16 20:20	CGC	L310168

Qualifiers/ Definitions

DF Dilution Factor
MQL Method Quantitation Limit
J Estimated value
Q RPD >40% dual column results

gaw
01/16/17

Waypoint ANALYTICAL

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Lab No : **93323**
Sample ID : **WT - ST**

Matrix: **Aqueous**
Sampled: **11/3/2016 15:45**

Analytical Method: 625 **Prep Batch(es):** **L310032** 11/08/16 13:40
Prep Method: 625

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Dimethyl phthalate	<0.384	µg/L	0.384	5.00 U	1	11/08/16 20:20	CGC	L310168
2,4-Dimethylphenol	<0.842	µg/L	0.842	5.00	1	11/08/16 20:20	CGC	L310168
Di-n-butyl phthalate	<0.401	µg/L	0.401	5.00	1	11/08/16 20:20	CGC	L310168
4,6-Dinitro-o-cresol	<0.454	µg/L	0.454	10.0	1	11/08/16 20:20	CGC	L310168
2,4-Dinitrophenol	<0.229	µg/L	0.229	5.00	1	11/08/16 20:20	CGC	L310168
2,4-Dinitrotoluene	<0.958	µg/L	0.958	5.00	1	11/08/16 20:20	CGC	L310168
2,6-Dinitrotoluene	<0.705	µg/L	0.705	5.00	1	11/08/16 20:20	CGC	L310168
Di-n-Octyl Phthalate	<0.353	µg/L	0.353	5.00	1	11/08/16 20:20	CGC	L310168
1,2-Diphenylhydrazine/Azobenzene	<0.408	µg/L	0.408	5.00	1	11/08/16 20:20	CGC	L310168
Fluoranthene	<0.439	µg/L	0.439	2.00	1	11/08/16 20:20	CGC	L310168
Fluorene	<0.292	µg/L	0.292	2.00	1	11/08/16 20:20	CGC	L310168
Hexachlorobenzene	<0.310	µg/L	0.310	5.00	1	11/08/16 20:20	CGC	L310168
Hexachlorobutadiene	<0.653	µg/L	0.653	5.00	1	11/08/16 20:20	CGC	L310168
Hexachlorocyclopentadiene	<0.232	µg/L	0.232	5.00	1	11/08/16 20:20	CGC	L310168
Hexachloroethane	<0.582	µg/L	0.582	5.00	1	11/08/16 20:20	CGC	L310168
Indeno(1,2,3-cd)pyrene	<0.518	µg/L	0.518	2.00	1	11/08/16 20:20	CGC	L310168
Isophorone	<0.189	µg/L	0.189	5.00	1	11/08/16 20:20	CGC	L310168
Naphthalene	<0.304	µg/L	0.304	2.00	1	11/08/16 20:20	CGC	L310168
Nitrobenzene	<0.355	µg/L	0.355	5.00	1	11/08/16 20:20	CGC	L310168
2-Nitrophenol	<0.504	µg/L	0.504	5.00	1	11/08/16 20:20	CGC	L310168
4-Nitrophenol	<0.373	µg/L	0.373	20.0	1	11/08/16 20:20	CGC	L310168
N-Nitrosodimethylamine	<0.370	µg/L	0.370	5.00	1	11/08/16 20:20	CGC	L310168

Qualifiers/ Definitions

DF	Dilution Factor	J	Estimated value
MQL	Method Quantitation Limit	Q	RPD >40% dual column results

01/16/17

Waypoint ANALYTICAL

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Lab No : **93323**
Sample ID : **WT - ST**

Matrix: **Aqueous**
Sampled: **11/3/2016 15:45**

Analytical Method: 625 **Prep Batch(es):** **L310032** 11/08/16 13:40
Prep Method: 625

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
N-Nitrosodiphenylamine	<0.406	µg/L	0.406	10.0 U	1	11/08/16 20:20	CGC	L310168
N-Nitroso-di-n-propylamine	<0.561	µg/L	0.561	5.00	1	11/08/16 20:20	CGC	L310168
Pentachlorophenol	<0.540	µg/L	0.540	5.00	1	11/08/16 20:20	CGC	L310168
Phenanthrene	<0.455	µg/L	0.455	2.00	1	11/08/16 20:20	CGC	L310168
Phenol	<0.258	µg/L	0.258	5.00	1	11/08/16 20:20	CGC	L310168
Pyrene	<0.526	µg/L	0.526	2.00	1	11/08/16 20:20	CGC	L310168
1,2,4-Trichlorobenzene	<0.494	µg/L	0.494	5.00	1	11/08/16 20:20	CGC	L310168
2,4,6-Trichlorophenol	<0.415	µg/L	0.415	5.00	1	11/08/16 20:20	CGC	L310168
Surrogate: 2-Fluorobiphenyl	63.5		Limits: 38-107%		1	11/08/16 20:20	CGC	L310168
Surrogate: 2-Fluorophenol	32.8		Limits: 8-88%		1	11/08/16 20:20	CGC	L310168
Surrogate: Nitrobenzene-d5	65.4		Limits: 29-105%		1	11/08/16 20:20	CGC	L310168
Surrogate: Phenol-d6	20.8		Limits: 7-58%		1	11/08/16 20:20	CGC	L310168
Surrogate: 4-Terphenyl-d14	65.4		Limits: 30-130%		1	11/08/16 20:20	CGC	L310168
Surrogate: 2,4,6-Tribromophenol	89.4		Limits: 16-138%		1	11/08/16 20:20	CGC	L310168

Analytical Method: 625 Screen **Prep Batch(es):** **L309824** 11/07/16 10:40
Prep Method: 625

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Dioxin (2,3,7,8-TCDD) screen	<0.200	µg/L	0.200	1.00 U	1	11/09/16 02:10	RQE	L310125

01/16/17

Qualifiers/ Definitions				
	DF	Dilution Factor	J	Estimated value
	MQL	Method Quantitation Limit	Q	RPD >40% dual column results

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Nathan Pera, IV
Project Manager

Lab No : **93323**
Sample ID : **WT - ST**

Matrix: **Aqueous**
Sampled: **11/3/2016 15:45**

Analytical Method: 608 **Prep Batch(es):** **L309794** 11/07/16 09:40
Prep Method: EPA-608 (PREP)

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Aldrin	<0.00983	µg/L	0.00983	0.0400 U	10	11/07/16 20:50	VIC	L310017
alpha-BHC	<0.00700	µg/L	0.00700	0.0400	10	11/07/16 20:50	VIC	L310017
beta-BHC	<0.0193	µg/L	0.0193	0.0400	10	11/07/16 20:50	VIC	L310017
delta-BHC	<0.0143	µg/L	0.0143	0.0400	10	11/07/16 20:50	VIC	L310017
Chlordane	<0.0670	µg/L	0.0670	0.200	10	11/07/16 20:50	VIC	L310017
4,4'-DDD	**0.0261 J**	µg/L	0.0120	0.0400	10	11/07/16 20:50	VIC	L310017
4,4'-DDE	<0.0101	µg/L	0.0101	0.0400 U	10	11/07/16 20:50	VIC	L310017
4,4'-DDT	<0.0138	µg/L	0.0138	0.0400	10	11/07/16 20:50	VIC	L310017
Dieldrin	<0.00942	µg/L	0.00942	0.0400	10	11/07/16 20:50	VIC	L310017
Alpha-endosulfan	<0.0182	µg/L	0.0182	0.0400	10	11/07/16 20:50	VIC	L310017
Beta-endosulfan	<0.0220	µg/L	0.0220	0.0400	10	11/07/16 20:50	VIC	L310017
Endosulfan Sulfate	<0.0240	µg/L	0.0240	0.0400	10	11/07/16 20:50	VIC	L310017
Endrin	<0.00327	µg/L	0.00327	0.0400	10	11/07/16 20:50	VIC	L310017
Endrin Aldehyde	**0.0150 JQ**	µg/L	0.00503	0.0400	10	11/07/16 20:50	VIC	L310017
gamma-BHC	<0.00305	µg/L	0.00305	0.0400 U	10	11/07/16 20:50	VIC	L310017
Heptachlor	<0.00275	µg/L	0.00275	0.0400	10	11/07/16 20:50	VIC	L310017
Heptachlor Epoxide	<0.00282	µg/L	0.00282	0.0400	10	11/07/16 20:50	VIC	L310017
Toxaphene	<0.100	µg/L	0.100	0.300	10	11/07/16 20:50	VIC	L310017
Surrogate: Decachlorobiphenyl	68.4		Limits: 36-116%		10	11/07/16 20:50	VIC	L310017
Surrogate: Tetrachloro-m-xylene	33.9		Limits: 25-123%		10	11/07/16 20:50	VIC	L310017

gaw
01/16/17

Qualifiers/ Definitions

DF	Dilution Factor	J	Estimated value
MQL	Method Quantitation Limit	Q	RPD >40% dual column results

Waypoint ANALYTICAL

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Lab No : **93323**
Sample ID : **WT - ST**

Matrix: **Aqueous**
Sampled: **11/3/2016 15:45**

Analytical Method: EPA-608 (PCB) **Prep Batch(es):** **L309792** 11/07/16 09:40
Prep Method: EPA-608 (PCB Prep)

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Aroclor 1016	<0.0351	µg/L	0.0351	0.200 U	1	11/07/16 19:19	VIC	L310057
Aroclor 1221	<0.167	µg/L	0.167	0.200	1	11/07/16 19:19	VIC	L310057
Aroclor 1232	<0.167	µg/L	0.167	0.200	1	11/07/16 19:19	VIC	L310057
Aroclor 1242	<0.167	µg/L	0.167	0.200	1	11/07/16 19:19	VIC	L310057
Aroclor 1248	<0.167	µg/L	0.167	0.200	1	11/07/16 19:19	VIC	L310057
Aroclor 1254	<0.167	µg/L	0.167	0.200	1	11/07/16 19:19	VIC	L310057
Aroclor 1260	<0.0513	µg/L	0.0513	0.200	1	11/07/16 19:19	VIC	L310057
Surrogate: Decachlorobiphenyl	106		Limits: 25-125%		1	11/07/16 19:19	VIC	L310057
Surrogate: Tetrachloro-m-xylene	55.5		Limits: 25-125%		1	11/07/16 19:19	VIC	L310057

JAW
01/16/17

Qualifiers/ Definitions

DF	Dilution Factor	J	Estimated value
MQL	Method Quantitation Limit	Q	RPD >40% dual column results

Waypoint ANALYTICAL

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Nathan Pera, IV
Project Manager

Lab No : **93323**
Sample ID : **WT - ST**

Matrix: **Aqueous**
Sampled: **11/3/2016 15:45**

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Method
Cyanide, Total	~~<0.003~~	mg/L	0.003	0.005 U	1	11/07/16 10:53	EWB	4500CNE-2011
pH	**8.4**	s.u.			1	11/04/16 15:15	RRR	4500H+B-2011
Total Cadmium	~~<0.0005~~	mg/L	0.0005	0.0020 U	1	11/10/16 20:51	CCR	EPA-200.7
Total Chromium	**0.027**	mg/L	0.001	0.005	1	11/10/16 20:51	CCR	EPA-200.7
Total Copper	**0.037**	mg/L	0.002	0.005	1	11/10/16 20:51	CCR	EPA-200.7
Total Lead	~~<0.003~~	mg/L	0.003	0.006 U	1	11/10/16 20:51	CCR	EPA-200.7
Total Nickel	**0.921**	mg/L	0.002	0.005	1	11/10/16 20:51	CCR	EPA-200.7
Total Silver	~~<0.001~~	mg/L	0.001	0.005 U	1	11/10/16 20:51	CCR	EPA-200.7
Total Zinc	**0.011**	mg/L	0.002	0.010	1	11/10/16 20:51	CCR	EPA-200.7

JAW
01/16/17

Qualifiers/ Definitions

DF	Dilution Factor	J	Estimated value
MQL	Method Quantitation Limit	Q	RPD >40% dual column results

DATA VALIDATION CHECKLIST – STAGE 2A

Site Name	Chromecraft Plating	**Project No.**	TT-01-061
Data Reviewer (signature and date)	Jessica A. Vickers January 16, 2017	**Laboratory/ Report No.**	Waypoint Analytical/16-309-0289
Analyses	Volatile organic compounds (VOCs) by EPA 624, semivolatile organic compounds (SVOCs) by EPA 625, dioxin screen (2,3,7,8-TCDD) by EPA 625, pesticides by EPA 608, polychlorinated biphenyls (PCBs) by EPA 608, cyanide by SM4500CNE-2011, metals by EPA 200.7, toxicity characteristic leaching procedure (TCLP) metals by SW1311/6010C and SW1311/7470A, and pH by SM4500H+B-2011		
Samples	V2-Liquid, V2-Solid, V13-Liquid, V13-Solid, Washroom, WT-A, WT-B, WT-Overflow, and WT-ST		

This checklist summarizes the Stage 2A validation performed on the subject laboratory report, in accordance with the U.S. Environmental Protection Agency (EPA) *Guidance for Labeling Externally Validated Laboratory Analytical Data for Superfund Use* (January 2009). Analytical data were evaluated in general accordance with the EPA *National Functional Guidelines (NFG) for Superfund Organic Methods Data Review* (September 2016) and the EPA *NFG for Inorganic Superfund Data Review* (September 2016) data validation guidance documents, as well as the above referenced methods.

OVERALL EVALUATION:

No rejection of data was required for this data package. The data can be used with the qualifications indicated in this checklist.

Data completeness:

Within Criteria	Exceedance/Notes
Y	

Sample preservation, receipt, and holding times:

Within Criteria	Exceedance/Notes
Y	

1955 Evergreen Blvd., Ste. 300, Duluth, GA 30096
Tel 678.775.3080 Fax 678.775.3138
www.tetratech.com

DATA VALIDATION CHECKLIST – STAGE 2A

Method blanks:

Within Criteria	Exceedance/Notes
N	Nickel = 0.004 mg/L – no flag (associated results greater than ten times blank value)

Field blanks:

Within Criteria	Exceedance/Notes
NA	

System monitoring compounds (surrogates and labeled compounds):

Within Criteria	Exceedance/Notes
Y	

MS/MSD:

Within Criteria	Exceedance/Notes
N	WT-ST: Low %Rs for acrolein and 2-chloroethyl vinyl ether – flag “UJ”

Post Digestion Spikes:

Within Criteria	Exceedance/Notes
Y	

1955 Evergreen Blvd., Ste. 300, Duluth, GA 30096
Tel 678.775.3080 Fax 678.775.3138
www.tetratech.com

Laboratory duplicates:

Within Criteria	Exceedance/Notes
Y	

Field duplicates:

Within Criteria	Exceedance/Notes
NA	

LCSs/LCSDs:

Within Criteria	Exceedance/Notes
N	Low %Rs for 2-chloroethyl vinyl ether and benzidine – flag "UJ" High RPD for benzo(g,h,i)perylene – no flag (associated results non-detect)

Sample dilutions:

Within Criteria	Exceedance/Notes
Y	10x: TCLP arsenic and selenium for V2-Solid 10x: TCLP barium, cadmium, chromium, lead, and selenium for V13-Solid 10x: VOCs and pesticides for WT-A, WT-B, and WT-Overflow 10x: Pesticides for WT-ST

Re-extraction and reanalysis:

Within Criteria	Exceedance/Notes
NA	

DATA VALIDATION CHECKLIST – STAGE 2A

MDLs/RLs:

Within Criteria	Exceedance/Notes
Y	Results between method detection limit and method quantitation limit – flagged "J" Pesticide/PCB results with greater than 40% RPD between columns flagged "Q" by laboratory – flagged "J"

Overall Qualifications:

See results summary pages attached for changes to the laboratory qualifiers based upon this validation. The following is a list of qualifiers and definitions that may be used for the validation of this data package:

J	The analyte was positively identified; the associated value is the approximate concentration of the analyte in the sample.
J+	The analyte was positively identified; the associated value is the approximate concentration of the analyte in the sample and may be biased high.
J-	The analyte was positively identified; the associated value is the approximate concentration of the analyte in the sample and may be biased low.
NJ	The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated value is the approximate concentration of the analyte in the sample.
R	The sample result is rejected as unusable due to serious deficiencies in one or more quality control criteria. The analyte may or may not be present in the sample.
U	The analyte was analyzed for, but was not detected at or above the associated value (reporting limit).
UJ	The analyte was analyzed for, but was not detected at or above the associated value (reporting limit), which is considered approximate due to deficiencies in one or more quality control criteria.

1955 Evergreen Blvd., Ste. 300, Duluth, GA 30096
Tel 678.775.3080 Fax 678.775.3138
www.tetratech.com

Waypoint ANALYTICAL

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Lab No : **93318**
Sample ID : **V2 - Liquid**

Matrix: **Aqueous**
Sampled: **11/3/2016 12:45**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
pH	10 4	s.u.		1	11/04/16 15:15	RRR	4500H+B-2011

01/16/17

Qualifiers/ Definitions				
	DF	Dilution Factor	J	Estimated value
	MQL	Method Quantitation Limit	Q	RPD >40% dual column results

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Lab No : **93315**
Sample ID : **V2 - Solid**

Matrix: **Solid**
Sampled: **11/3/2016 12:30**

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Method
TCLP Metals Extraction	**Leachate**				1	11/15/16 13:57	SAJ	SW-1311

Analytical Method: 6010C **Prep Batch(es):** **L311089** 11/16/16 10:05
Prep Method: 3005A

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Arsenic	**0 900**	mg/L	0.250	0.250	10	11/17/16 11:59	CCR	L311353
TCLP Barium	**0 031**	mg/L	0.025	0.025	1	11/16/16 20:02	CCR	L311198
TCLP Cadmium	~~<0 005~~	mg/L	0.005	0.005 U	1	11/16/16 20:02	CCR	L311198
TCLP Chromium	**19.5**	mg/L	0.010	0.010	1	11/16/16 20:02	CCR	L311198
TCLP Lead	**0.025**	mg/L	0.010	0.010	1	11/16/16 20:02	CCR	L311198
TCLP Selenium	~~<0.500~~	mg/L	0.500	0.500 U	10	11/17/16 11:59	CCR	L311353
TCLP Silver	~~<0.005~~	mg/L	0.005	0.005 U	1	11/16/16 20:02	CCR	L311198

Analytical Method: 7470A **Prep Batch(es):** **L311067** 11/16/16 09:10
Prep Method: 7470A

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Mercury	~~<0.0200~~	mg/L	0.0200	0.0200 U	1	11/16/16 14:12	KKM	L311174

01/16/17

Qualifiers/ Definitions				
	DF	Dilution Factor	J	Estimated value
	MQL	Method Quantitation Limit	Q	RPD >40% dual column results

Waypoint ANALYTICAL

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Lab No : **93319**
Sample ID : **V13 - Liquid**

Matrix: **Aqueous**
Sampled: **11/3/2016 13:00**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
pH	1.0	s.u.		1	11/04/16 15:15	RRR	4500H+B-2011

gaw
01/16/17

Qualifiers/ Definitions				
	DF	Dilution Factor	J	Estimated value
	MQL	Method Quantitation Limit	Q	RPD >40% dual column results

Waypoint ANALYTICAL

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Lab No : **93316**
Sample ID : **V13 - Solid**

Matrix: **Solid**
Sampled: **11/3/2016 12:15**

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Method
TCLP Metals Extraction	**Leachate**				1	11/15/16 13:57	SAJ	SW-1311

Analytical Method: 6010C **Prep Batch(es):** **L311089** 11/16/16 10:05
Prep Method: 3005A

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Arsenic	~~<0.025~~	mg/L	0.025	0.025 U	1	11/17/16 12:09	CCR	L311353
TCLP Barium	<0.250	mg/L	0.250	0.250	10	11/16/16 20:12	CCR	L311198
TCLP Cadmium	<0.050	mg/L	0.050	0.050	10	11/16/16 20:12	CCR	L311198
TCLP Chromium	**9.60**	mg/L	0.100	0.100	10	11/16/16 20:12	CCR	L311198
TCLP Lead	<0.100	mg/L	0.100	0.100 U	10	11/16/16 20:12	CCR	L311198
TCLP Selenium	<0.050	mg/L	0.050	0.050	1	11/17/16 12:09	CCR	L311353
TCLP Silver	<0.050	mg/L	0.050	0.050	10	11/16/16 20:12	CCR	L311198

Analytical Method: 7470A **Prep Batch(es):** **L311067** 11/16/16 09:10
Prep Method: 7470A

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Mercury	~~<0.0200~~	mg/L	0.0200	0.0200 U	1	11/16/16 14:14	KKM	L311174

01/16/17

Qualifiers/ Definitions				
	DF	Dilution Factor	J	Estimated value
	MQL	Method Quantitation Limit	Q	RPD >40% dual column results

Waypoint ANALYTICAL

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Lab No : **93317**
Sample ID : **Washroom**

Matrix: **Solid**
Sampled: **11/3/2016 14:10**

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Method
TCLP Metals Extraction	**Leachate**				1	11/15/16 13:57	SAJ	SW-1311

Analytical Method: 6010C **Prep Batch(es):** **L311089** 11/16/16 10:05
Prep Method: 3005A

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Arsenic	~~<0.025~~	mg/L	0.025	0.025 U	1	11/17/16 12:13	CCR	L311353
TCLP Barium	**0.275**	mg/L	0.025	0.025	1	11/16/16 20:16	CCR	L311198
TCLP Cadmium	**0.018**	mg/L	0.005	0.005	1	11/16/16 20:16	CCR	L311198
TCLP Chromium	~~<0.010~~	mg/L	0.010	0.010 U	1	11/16/16 20:16	CCR	L311198
TCLP Lead	<0.010	mg/L	0.010	0.010	1	11/16/16 20:16	CCR	L311198
TCLP Selenium	<0.050	mg/L	0.050	0.050	1	11/17/16 12:13	CCR	L311353
TCLP Silver	<0.005	mg/L	0.005	0.005	1	11/16/16 20:16	CCR	L311198

Analytical Method: 7470A **Prep Batch(es):** **L311067** 11/16/16 09:10
Prep Method: 7470A

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Mercury	~~<0.0200~~	mg/L	0.0200	0.0200 U	1	11/16/16 14:16	KKM	L311174

01/16/17

Qualifiers/ Definitions				
	DF	Dilution Factor	J	Estimated value
	MQL	Method Quantitation Limit	Q	RPD >40% dual column results

Waypoint ANALYTICAL

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Lab No : **93320**
Sample ID : **WT - A**

Matrix: **Aqueous**
Sampled: **11/3/2016 15:00**

Analytical Method: 624 **Prep Batch(es):** **L310437** 11/10/16 09:39
Prep Method: EPA-624 (PREP)

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Acrolein	<17.2	µg/L	17.2	200 U	10	11/10/16 17:04	AGH	L310440
Acrylonitrile	<10.3	µg/L	10.3	200	10	11/10/16 17:04	AGH	L310440
Benzene	<1.47	µg/L	1.47	10.0	10	11/10/16 17:04	AGH	L310440
Bromodichloromethane	<2.04	µg/L	2.04	10.0	10	11/10/16 17:04	AGH	L310440
Bromoform	<4.65	µg/L	4.65	10.0	10	11/10/16 17:04	AGH	L310440
Bromomethane	<4.88	µg/L	4.88	10.0	10	11/10/16 17:04	AGH	L310440
Carbon Tetrachloride	<2.11	µg/L	2.11	10.0	10	11/10/16 17:04	AGH	L310440
Chlorobenzene	<4.52	µg/L	4.52	10.0	10	11/10/16 17:04	AGH	L310440
Chlorodibromomethane	<2.54	µg/L	2.54	10.0	10	11/10/16 17:04	AGH	L310440
Chloroethane	<5.92	µg/L	5.92	10.0	10	11/10/16 17:04	AGH	L310440
2-Chloroethylvinyl Ether	<8.02	µg/L	8.02	50.0 UJ	10	11/10/16 17:04	AGH	L310440
Chloroform	<1.97	µg/L	1.97	10.0 U	10	11/10/16 17:04	AGH	L310440
Chloromethane	<5.39	µg/L	5.39	10.0	10	11/10/16 17:04	AGH	L310440
Dichlorodifluoromethane	<7.12	µg/L	7.12	10.0	10	11/10/16 17:04	AGH	L310440
1,1-Dichloroethane	<1.68	µg/L	1.68	10.0	10	11/10/16 17:04	AGH	L310440
1,2-Dichloroethane	<1.00	µg/L	1.00	10.0	10	11/10/16 17:04	AGH	L310440
1,1-Dichloroethene	<1.38	µg/L	1.38	10.0	10	11/10/16 17:04	AGH	L310440
1,2-Trans-dichlorothylene	<1.73	µg/L	1.73	10.0	10	11/10/16 17:04	AGH	L310440
1,2-Dichloropropane	<3.29	µg/L	3.29	10.0	10	11/10/16 17:04	AGH	L310440
cis-1,3-Dichloropropene	<1.71	µg/L	1.71	10.0	10	11/10/16 17:04	AGH	L310440
trans-1,3-Dichloropropene	<2.33	µg/L	2.33	10.0	10	11/10/16 17:04	AGH	L310440
Ethylbenzene	<2.76	µg/L	2.76	10.0	10	11/10/16 17:04	AGH	L310440

Qualifiers/ Definitions

DF	Dilution Factor	J	Estimated value
MQL	Method Quantitation Limit	Q	RPD >40% dual column results

01/16/17

Waypoint ANALYTICAL

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Lab No : **93320**
Sample ID : **WT - A**

Matrix: **Aqueous**
Sampled: **11/3/2016 15:00**

Analytical Method: 624 **Prep Batch(es):** **L310437** 11/10/16 09:39
Prep Method: EPA-624 (PREP)

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Methylene Chloride	<37.5	µg/L	37.5	100 U	10	11/10/16 17:04	AGH	L310440
1,1,2,2-Tetrachloroethane	<4.82	µg/L	4.82	10.0	10	11/10/16 17:04	AGH	L310440
Tetrachloroethylene	<2.65	µg/L	2.65	10.0	10	11/10/16 17:04	AGH	L310440
Toluene	<2.03	µg/L	2.03	50.0	10	11/10/16 17:04	AGH	L310440
1,1,1-Trichloroethane	<1.63	µg/L	1.63	10.0	10	11/10/16 17:04	AGH	L310440
1,1,2-Trichloroethane	<2.16	µg/L	2.16	10.0	10	11/10/16 17:04	AGH	L310440
Trichloroethylene	<2.73	µg/L	2.73	10.0	10	11/10/16 17:04	AGH	L310440
Trichlorofluoromethane	<3.08	µg/L	3.08	10.0	10	11/10/16 17:04	AGH	L310440
Vinyl Chloride	<3.94	µg/L	3.94	10.0	10	11/10/16 17:04	AGH	L310440
Surrogate: 4-Bromofluorobenzene	99.6		Limits: 71-131%		10	11/10/16 17:04	AGH	L310440
Surrogate: Dibromofluoromethane	71.4		Limits: 70-128%		10	11/10/16 17:04	AGH	L310440
Surrogate: 1,2-Dichloroethane - d4	72.0		Limits: 67-136%		10	11/10/16 17:04	AGH	L310440
Surrogate: Toluene-d8	80.0		Limits: 70-130%		10	11/10/16 17:04	AGH	L310440

Analytical Method: 625 **Prep Batch(es):** **L310032** 11/08/16 13:40
Prep Method: 625

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Acenaphthene	<0.480	µg/L	0.480	2.00 U	1	11/08/16 18:58	CGC	L310168
Acenaphthylene	<0.418	µg/L	0.418	2.00	1	11/08/16 18:58	CGC	L310168
Anthracene	<0.452	µg/L	0.452	2.00	1	11/08/16 18:58	CGC	L310168
Benzidine	<1.08	µg/L	1.08	20.0 UJ	1	11/08/16 18:58	CGC	L310168
Benzo(a)anthracene	<0.263	µg/L	0.263	2.00 U	1	11/08/16 18:58	CGC	L310168

Qualifiers/ Definitions

DF	Dilution Factor	J	Estimated value
MQL	Method Quantitation Limit	Q	RPD >40% dual column results

01/16/17

Waypoint ANALYTICAL

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Lab No : **93320**
Sample ID : **WT - A**

Matrix: **Aqueous**
Sampled: **11/3/2016 15:00**

Analytical Method: 625 **Prep Batch(es):** **L310032** 11/08/16 13:40
Prep Method: 625

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Benzo(a)pyrene	<0.238	µg/L	0.238	2.00 U	1	11/08/16 18:58	CGC	L310168
Benzo(b)fluoranthene	<0.315	µg/L	0.315	2.00	1	11/08/16 18:58	CGC	L310168
Benzo(g,h,i)perylene	<0.501	µg/L	0.501	2.00	1	11/08/16 18:58	CGC	L310168
Benzo(k)fluoranthene	<0.422	µg/L	0.422	2.00	1	11/08/16 18:58	CGC	L310168
Bis(2-Chloroethoxy)methane	<0.307	µg/L	0.307	5.00	1	11/08/16 18:58	CGC	L310168
Bis(2-Chloroethyl)ether	<0.482	µg/L	0.482	5.00	1	11/08/16 18:58	CGC	L310168
Bis(2-Chloroisopropyl)ether	<0.568	µg/L	0.568	5.00	1	11/08/16 18:58	CGC	L310168
Bis(2-ethylhexyl)phthalate	<0.534	µg/L	0.534	10.0	1	11/08/16 18:58	CGC	L310168
4-Bromophenyl phenyl ether	<0.415	µg/L	0.415	5.00	1	11/08/16 18:58	CGC	L310168
Butyl benzyl phthalate	<0.378	µg/L	0.378	5.00	1	11/08/16 18:58	CGC	L310168
4-Chloro-3-methylphenol	<0.343	µg/L	0.343	5.00	1	11/08/16 18:58	CGC	L310168
2-Chloronaphthalene	<0.544	µg/L	0.544	5.00	1	11/08/16 18:58	CGC	L310168
2-Chlorophenol	<0.520	µg/L	0.520	5.00	1	11/08/16 18:58	CGC	L310168
4-Chlorophenyl phenyl ether	<0.230	µg/L	0.230	5.00	1	11/08/16 18:58	CGC	L310168
Chrysene	<0.373	µg/L	0.373	2.00	1	11/08/16 18:58	CGC	L310168
Dibenz(a,h)anthracene	<0.325	µg/L	0.325	2.00	1	11/08/16 18:58	CGC	L310168
1,2-Dichlorobenzene	<0.731	µg/L	0.731	5.00	1	11/08/16 18:58	CGC	L310168
1,3-Dichlorobenzene	<0.726	µg/L	0.726	5.00	1	11/08/16 18:58	CGC	L310168
1,4-Dichlorobenzene	<0.547	µg/L	0.547	5.00	1	11/08/16 18:58	CGC	L310168
3,3'-Dichlorobenzidine	<0.664	µg/L	0.664	5.00	1	11/08/16 18:58	CGC	L310168
2,4-Dichlorophenol	**0.518 J**	µg/L	0.317	5.00	1	11/08/16 18:58	CGC	L310168
Diethyl phthalate	<0.234	µg/L	0.234	5.00 U	1	11/08/16 18:58	CGC	L310168

Qualifiers/ Definitions

DF	Dilution Factor	J	Estimated value
MQL	Method Quantitation Limit	Q	RPD >40% dual column results

01/16/17

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Lab No : **93320**
Sample ID : **WT - A**

Matrix: **Aqueous**
Sampled: **11/3/2016 15:00**

Analytical Method: 625
Prep Method: 625
Prep Batch(es): **L310032** 11/08/16 13:40

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Dimethyl phthalate	<0.384	µg/L	0.384	5.00 u	1	11/08/16 18:58	CGC	L310168
2,4-Dimethylphenol	<0.842	µg/L	0.842	5.00	1	11/08/16 18:58	CGC	L310168
Di-n-butyl phthalate	<0.401	µg/L	0.401	5.00	1	11/08/16 18:58	CGC	L310168
4,6-Dinitro-o-cresol	<0.454	µg/L	0.454	10.0	1	11/08/16 18:58	CGC	L310168
2,4-Dinitrophenol	<0.229	µg/L	0.229	5.00	1	11/08/16 18:58	CGC	L310168
2,4-Dinitrotoluene	<0.958	µg/L	0.958	5.00	1	11/08/16 18:58	CGC	L310168
2,6-Dinitrotoluene	<0.705	µg/L	0.705	5.00	1	11/08/16 18:58	CGC	L310168
Di-n-Octyl Phthalate	<0.353	µg/L	0.353	5.00	1	11/08/16 18:58	CGC	L310168
1,2-Diphenylhydrazine/Azobenzene	<0.408	µg/L	0.408	5.00	1	11/08/16 18:58	CGC	L310168
Fluoranthene	<0.439	µg/L	0.439	2.00	1	11/08/16 18:58	CGC	L310168
Fluorene	<0.292	µg/L	0.292	2.00	1	11/08/16 18:58	CGC	L310168
Hexachlorobenzene	<0.310	µg/L	0.310	5.00	1	11/08/16 18:58	CGC	L310168
Hexachlorobutadiene	<0.653	µg/L	0.653	5.00	1	11/08/16 18:58	CGC	L310168
Hexachlorocyclopentadiene	<0.232	µg/L	0.232	5.00	1	11/08/16 18:58	CGC	L310168
Hexachloroethane	<0.582	µg/L	0.582	5.00	1	11/08/16 18:58	CGC	L310168
Indeno(1,2,3-cd)pyrene	<0.518	µg/L	0.518	2.00	1	11/08/16 18:58	CGC	L310168
Isophorone	<0.189	µg/L	0.189	5.00	1	11/08/16 18:58	CGC	L310168
Naphthalene	<0.304	µg/L	0.304	2.00	1	11/08/16 18:58	CGC	L310168
Nitrobenzene	<0.355	µg/L	0.355	5.00	1	11/08/16 18:58	CGC	L310168
2-Nitrophenol	<0.504	µg/L	0.504	5.00	1	11/08/16 18:58	CGC	L310168
4-Nitrophenol	<0.373	µg/L	0.373	20.0	1	11/08/16 18:58	CGC	L310168
N-Nitrosodimethylamine	<0.370	µg/L	0.370	5.00	1	11/08/16 18:58	CGC	L310168

Qualifiers/ Definitions

DF	Dilution Factor	J	Estimated value
MQL	Method Quantitation Limit	Q	RPD >40% dual column results

01/16/17

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Lab No : **93320**
Sample ID : **WT - A**

Matrix: **Aqueous**
Sampled: **11/3/2016 15:00**

Analytical Method: 625 **Prep Batch(es):** **L310032** 11/08/16 13:40
Prep Method: 625

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
N-Nitrosodiphenylamine	<0.406	µg/L	0.406	10.0 U	1	11/08/16 18:58	CGC	L310168
N-Nitroso-di-n-propylamine	<0.561	µg/L	0.561	5.00	1	11/08/16 18:58	CGC	L310168
Pentachlorophenol	<0.540	µg/L	0.540	5.00	1	11/08/16 18:58	CGC	L310168
Phenanthrene	<0.455	µg/L	0.455	2.00	1	11/08/16 18:58	CGC	L310168
Phenol	<0.258	µg/L	0.258	5.00	1	11/08/16 18:58	CGC	L310168
Pyrene	<0.526	µg/L	0.526	2.00	1	11/08/16 18:58	CGC	L310168
1,2,4-Trichlorobenzene	<0.494	µg/L	0.494	5.00	1	11/08/16 18:58	CGC	L310168
2,4,6-Trichlorophenol	<0.415	µg/L	0.415	5.00	1	11/08/16 18:58	CGC	L310168
Surrogate: 2-Fluorobiphenyl	61.4		Limits: 38-107%		1	11/08/16 18:58	CGC	L310168
Surrogate: 2-Fluorophenol	29.4		Limits: 8-88%		1	11/08/16 18:58	CGC	L310168
Surrogate: Nitrobenzene-d5	57.2		Limits: 29-105%		1	11/08/16 18:58	CGC	L310168
Surrogate: Phenol-d6	21.1		Limits: 7-58%		1	11/08/16 18:58	CGC	L310168
Surrogate: 4-Terphenyl-d14	76.6		Limits: 30-130%		1	11/08/16 18:58	CGC	L310168
Surrogate: 2,4,6-Tribromophenol	79.9		Limits: 16-138%		1	11/08/16 18:58	CGC	L310168

Analytical Method: 625 Screen **Prep Batch(es):** **L309824** 11/07/16 10:40
Prep Method: 625

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Dioxin (2,3,7,8-TCDD) screen	<0.200	µg/L	0.200	1.00 U	1	11/09/16 00:36	RQE	L310125 ~

01/16/17

Qualifiers/ Definitions				
	DF	Dilution Factor	J	Estimated value
	MQL	Method Quantitation Limit	Q	RPD >40% dual column results

Waypoint ANALYTICAL

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Lab No : **93320**
Sample ID : **WT - A**

Matrix: **Aqueous**
Sampled: **11/3/2016 15:00**

Analytical Method: 608 **Prep Batch(es):** **L309794** 11/07/16 09:40
Prep Method: EPA-608 (PREP)

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Aldrin	<0.00983	µg/L	0.00983	0.0400 U	10	11/07/16 19:58	VIC	L310017
alpha-BHC	<0.00700	µg/L	0.00700	0.0400	10	11/07/16 19:58	VIC	L310017
beta-BHC	<0.0193	µg/L	0.0193	0.0400	10	11/07/16 19:58	VIC	L310017
delta-BHC	<0.0143	µg/L	0.0143	0.0400	10	11/07/16 19:58	VIC	L310017
Chlordane	<0.0670	µg/L	0.0670	0.200	10	11/07/16 19:58	VIC	L310017
4,4'-DDD	<0.0120	µg/L	0.0120	0.0400	10	11/07/16 19:58	VIC	L310017
4,4'-DDE	<0.0101	µg/L	0.0101	0.0400	10	11/07/16 19:58	VIC	L310017
4,4'-DDT	<0.0138	µg/L	0.0138	0.0400	10	11/07/16 19:58	VIC	L310017
Dieldrin	<0.00942	µg/L	0.00942	0.0400	10	11/07/16 19:58	VIC	L310017
Alpha-endosulfan	<0.0182	µg/L	0.0182	0.0400	10	11/07/16 19:58	VIC	L310017
Beta-endosulfan	<0.0220	µg/L	0.0220	0.0400	10	11/07/16 19:58	VIC	L310017
Endosulfan Sulfate	<0.0240	µg/L	0.0240	0.0400	10	11/07/16 19:58	VIC	L310017
Endrin	<0.00327	µg/L	0.00327	0.0400	10	11/07/16 19:58	VIC	L310017
Endrin Aldehyde	<0.00503	µg/L	0.00503	0.0400	10	11/07/16 19:58	VIC	L310017
gamma-BHC	**0.00405 J**	µg/L	0.00305	0.0400	10	11/07/16 19:58	VIC	L310017
Heptachlor	<0.00275	µg/L	0.00275	0.0400 U	10	11/07/16 19:58	VIC	L310017
Heptachlor Epoxide	<0.00282	µg/L	0.00282	0.0400	10	11/07/16 19:58	VIC	L310017
Toxaphene	<0.100	µg/L	0.100	0.300	10	11/07/16 19:58	VIC	L310017
Surrogate: Decachlorobiphenyl	54.8		Limits: 36-116%		10	11/07/16 19:58	VIC	L310017
Surrogate: Tetrachloro-m-xylene	33.9		Limits: 25-123%		10	11/07/16 19:58	VIC	L310017

01/16/17

Qualifiers/ Definitions

DF	Dilution Factor	J	Estimated value
MQL	Method Quantitation Limit	Q	RPD >40% dual column results

Waypoint ANALYTICAL

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

06379

Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Lab No : **93320**
Sample ID : **WT - A**

Matrix: **Aqueous**
Sampled: **11/3/2016 15:00**

Analytical Method: EPA-608 (PCB) **Prep Batch(es):** **L309792** 11/07/16 09:40
Prep Method: EPA-608 (PCB Prep)

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Aroclor 1016	<0.0351	µg/L	0.0351	0.200 U	1	11/07/16 18:29	VIC	L310057
Aroclor 1221	<0.167	µg/L	0.167	0.200	1	11/07/16 18:29	VIC	L310057
Aroclor 1232	<0.167	µg/L	0.167	0.200	1	11/07/16 18:29	VIC	L310057
Aroclor 1242	<0.167	µg/L	0.167	0.200	1	11/07/16 18:29	VIC	L310057
Aroclor 1248	<0.167	µg/L	0.167	0.200	1	11/07/16 18:29	VIC	L310057
Aroclor 1254	<0.167	µg/L	0.167	0.200	1	11/07/16 18:29	VIC	L310057
Aroclor 1260	<0.0513	µg/L	0.0513	0.200	1	11/07/16 18:29	VIC	L310057
Surrogate: Decachlorobiphenyl	75.4		Limits: 25-125%		1	11/07/16 18:29	VIC	L310057
Surrogate: Tetrachloro-m-xylene	79.9		Limits: 25-125%		1	11/07/16 18:29	VIC	L310057

gaw
01/16/17

Qualifiers/ Definitions				
	DF	Dilution Factor	J	Estimated value
	MQL	Method Quantitation Limit	Q	RPD >40% dual column results

Waypoint ANALYTICAL

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Lab No : **93320**
Sample ID : **WT - A**

Matrix: **Aqueous**
Sampled: **11/3/2016 15:00**

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Method
Cyanide, Total	**0.019**	mg/L	0.003	0.005	1	11/07/16 10:53	EWB	4500CNE-2011
pH	**8.8**	s.u.			1	11/04/16 15:15	RRR	4500H+B-2011
Total Cadmium	~~<0.0005~~	mg/L	0.0005	0 0020 U	1	11/10/16 20:27	CCR	EPA-200.7
Total Chromium	**0.011**	mg/L	0.001	0.005	1	11/10/16 20:27	CCR	EPA-200.7
Total Copper	**0.010**	mg/L	0.002	0.005	1	11/10/16 20:27	CCR	EPA-200.7
Total Lead	~~<0.003~~	mg/L	0.003	0.006 U	1	11/10/16 20:27	CCR	EPA-200.7
Total Nickel	**0.526**	mg/L	0.002	0.005	1	11/10/16 20:27	CCR	EPA-200.7
Total Silver	~~<0.001~~	mg/L	0.001	0.005 U	1	11/10/16 20:27	CCR	EPA-200.7
Total Zinc	**0 006 J**	mg/L	0.002	0.010	1	11/10/16 20:27	CCR	EPA-200.7

gaw
01/16/17

Qualifiers/ Definitions				
	DF	Dilution Factor	J	Estimated value
	MQL	Method Quantitation Limit	Q	RPD >40% dual column results

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Lab No : **93321**
Sample ID : **WT - B**

Matrix: **Aqueous**
Sampled: **11/3/2016 15:15**

Analytical Method: 624 **Prep Batch(es):** **L310437** 11/10/16 09:39
Prep Method: EPA-624 (PREP)

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Acrolein	<17.2	µg/L	17.2	200 U	10	11/10/16 17:45	AGH	L310440
Acrylonitrile	<10.3	µg/L	10.3	200	10	11/10/16 17:45	AGH	L310440
Benzene	<1.47	µg/L	1.47	10.0	10	11/10/16 17:45	AGH	L310440
Bromodichloromethane	<2.04	µg/L	2.04	10.0	10	11/10/16 17:45	AGH	L310440
Bromoform	<4.65	µg/L	4.65	10.0	10	11/10/16 17:45	AGH	L310440
Bromomethane	<4.88	µg/L	4.88	10.0	10	11/10/16 17:45	AGH	L310440
Carbon Tetrachloride	<2.11	µg/L	2.11	10.0	10	11/10/16 17:45	AGH	L310440
Chlorobenzene	<4.52	µg/L	4.52	10.0	10	11/10/16 17:45	AGH	L310440
Chlorodibromomethane	<2.54	µg/L	2.54	10.0	10	11/10/16 17:45	AGH	L310440
Chloroethane	<5.92	µg/L	5.92	10.0	10	11/10/16 17:45	AGH	L310440
2-Chloroethylvinyl Ether	<8.02	µg/L	8.02	50.0 UJ	10	11/10/16 17:45	AGH	L310440
Chloroform	<1.97	µg/L	1.97	10.0 U	10	11/10/16 17:45	AGH	L310440
Chloromethane	<5.39	µg/L	5.39	10.0	10	11/10/16 17:45	AGH	L310440
Dichlorodifluoromethane	<7.12	µg/L	7.12	10.0	10	11/10/16 17:45	AGH	L310440
1,1-Dichloroethane	<1.68	µg/L	1.68	10.0	10	11/10/16 17:45	AGH	L310440
1,2-Dichloroethane	<1.00	µg/L	1.00	10.0	10	11/10/16 17:45	AGH	L310440
1,1-Dichloroethene	<1.38	µg/L	1.38	10.0	10	11/10/16 17:45	AGH	L310440
1,2-Trans-dichlorothylene	<1.73	µg/L	1.73	10.0	10	11/10/16 17:45	AGH	L310440
1,2-Dichloropropane	<3.29	µg/L	3.29	10.0	10	11/10/16 17:45	AGH	L310440
cis-1,3-Dichloropropene	<1.71	µg/L	1.71	10.0	10	11/10/16 17:45	AGH	L310440
trans-1,3-Dichloropropene	<2.33	µg/L	2.33	10.0	10	11/10/16 17:45	AGH	L310440
Ethylbenzene	<2.76	µg/L	2.76	10.0	10	11/10/16 17:45	AGH	L310440

Qualifiers/ Definitions

DF	Dilution Factor	J	Estimated value
MQL	Method Quantitation Limit	Q	RPD >40% dual column results

01/16/17

Waypoint ANALYTICAL

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Lab No : **93321**
Sample ID : **WT - B**

Matrix: **Aqueous**
Sampled: **11/3/2016 15:15**

Analytical Method: 624 **Prep Batch(es):** **L310437** 11/10/16 09:39
Prep Method: EPA-624 (PREP)

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Methylene Chloride	<37.5	µg/L	37.5	100 U	10	11/10/16 17:45	AGH	L310440
1,1,2,2-Tetrachloroethane	<4.82	µg/L	4.82	10.0	10	11/10/16 17:45	AGH	L310440
Tetrachloroethylene	<2.65	µg/L	2.65	10.0	10	11/10/16 17:45	AGH	L310440
Toluene	<2.03	µg/L	2.03	50.0	10	11/10/16 17:45	AGH	L310440
1,1,1-Trichloroethane	<1.63	µg/L	1.63	10.0	10	11/10/16 17:45	AGH	L310440
1,1,2-Trichloroethane	<2.16	µg/L	2.16	10.0	10	11/10/16 17:45	AGH	L310440
Trichloroethylene	<2.73	µg/L	2.73	10.0	10	11/10/16 17:45	AGH	L310440
Trichlorofluoromethane	<3.08	µg/L	3.08	10.0	10	11/10/16 17:45	AGH	L310440
Vinyl Chloride	<3.94	µg/L	3.94	10.0	10	11/10/16 17:45	AGH	L310440
Surrogate: 4-Bromofluorobenzene	108		Limits: 71-131%		10	11/10/16 17:45	AGH	L310440
Surrogate: Dibromofluoromethane	84.8		Limits: 70-128%		10	11/10/16 17:45	AGH	L310440
Surrogate: 1,2-Dichloroethane - d4	77.0		Limits: 67-136%		10	11/10/16 17:45	AGH	L310440
Surrogate: Toluene-d8	76.0		Limits: 70-130%		10	11/10/16 17:45	AGH	L310440

Analytical Method: 625 **Prep Batch(es):** **L310032** 11/08/16 13:40
Prep Method: 625

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Acenaphthene	<0.960	µg/L	0.960	4.00 U	1	11/08/16 19:26	CGC	L310168
Acenaphthylene	<0.836	µg/L	0.836	4.00	1	11/08/16 19:26	CGC	L310168
Anthracene	<0.905	µg/L	0.905	4.00	1	11/08/16 19:26	CGC	L310168
Benzidine	<2.16	µg/L	2.16	40.0 UJ	1	11/08/16 19:26	CGC	L310168
Benzo(a)anthracene	<0.526	µg/L	0.526	4.00 U	1	11/08/16 19:26	CGC	L310168

Qualifiers/ Definitions

DF	Dilution Factor	J	Estimated value
MQL	Method Quantitation Limit	Q	RPD >40% dual column results

gaw
01/16/17

Waypoint ANALYTICAL

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Lab No : **93321**
Sample ID : **WT - B**

Matrix: **Aqueous**
Sampled: **11/3/2016 15:15**

Analytical Method: 625
Prep Method: 625
Prep Batch(es): **L310032** 11/08/16 13:40

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Benzo(a)pyrene	<0.477	µg/L	0.477	4.00 U	1	11/08/16 19:26	CGC	L310168
Benzo(b)fluoranthene	<0.631	µg/L	0.631	4.00	1	11/08/16 19:26	CGC	L310168
Benzo(g,h,i)perylene	<1.00	µg/L	1.00	4.00	1	11/08/16 19:26	CGC	L310168
Benzo(k)fluoranthene	<0.845	µg/L	0.845	4.00	1	11/08/16 19:26	CGC	L310168
Bis(2-Chloroethoxy)methane	<0.615	µg/L	0.615	10.0	1	11/08/16 19:26	CGC	L310168
Bis(2-Chloroethyl)ether	<0.965	µg/L	0.965	10.0	1	11/08/16 19:26	CGC	L310168
Bis(2-Chloroisopropyl)ether	<1.14	µg/L	1.14	10.0	1	11/08/16 19:26	CGC	L310168
Bis(2-ethylhexyl)phthalate	<1.07	µg/L	1.07	20.0	1	11/08/16 19:26	CGC	L310168
4-Bromophenyl phenyl ether	<0.831	µg/L	0.831	10.0	1	11/08/16 19:26	CGC	L310168
Butyl benzyl phthalate	<0.757	µg/L	0.757	10.0	1	11/08/16 19:26	CGC	L310168
4-Chloro-3-methylphenol	<0.686	µg/L	0.686	10.0	1	11/08/16 19:26	CGC	L310168
2-Chloronaphthalene	<1.09	µg/L	1.09	10.0	1	11/08/16 19:26	CGC	L310168
2-Chlorophenol	<1.04	µg/L	1.04	10.0	1	11/08/16 19:26	CGC	L310168
4-Chlorophenyl phenyl ether	<0.461	µg/L	0.461	10.0	1	11/08/16 19:26	CGC	L310168
Chrysene	<0.746	µg/L	0.746	4.00	1	11/08/16 19:26	CGC	L310168
Dibenz(a,h)anthracene	<0.651	µg/L	0.651	4.00	1	11/08/16 19:26	CGC	L310168
1,2-Dichlorobenzene	<1.46	µg/L	1.46	10.0	1	11/08/16 19:26	CGC	L310168
1,3-Dichlorobenzene	<1.45	µg/L	1.45	10.0	1	11/08/16 19:26	CGC	L310168
1,4-Dichlorobenzene	<1.09	µg/L	1.09	10.0	1	11/08/16 19:26	CGC	L310168
3,3'-Dichlorobenzidine	<1.33	µg/L	1.33	10.0	1	11/08/16 19:26	CGC	L310168
2,4-Dichlorophenol	**1.12 J**	µg/L	0.635	10.0	1	11/08/16 19:26	CGC	L310168
Diethyl phthalate	<0.469	µg/L	0.469	10.0 U	1	11/08/16 19:26	CGC	L310168

Qualifiers/ Definitions

DF	Dilution Factor	J	Estimated value
MQL	Method Quantitation Limit	Q	RPD >40% dual column results

01/16/17

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Lab No : **93321**
Sample ID : **WT - B**

Matrix: **Aqueous**
Sampled: **11/3/2016 15:15**

Analytical Method: 625 **Prep Batch(es):** **L310032** 11/08/16 13:40
Prep Method: 625

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Dimethyl phthalate	<0.769	µg/L	0.769	10.0 U	1	11/08/16 19:26	CGC	L310168
2,4-Dimethylphenol	<1.69	µg/L	1.69	10.0	1	11/08/16 19:26	CGC	L310168
Di-n-butyl phthalate	<0.803	µg/L	0.803	10.0	1	11/08/16 19:26	CGC	L310168
4,6-Dinitro-o-cresol	<0.908	µg/L	0.908	20.0	1	11/08/16 19:26	CGC	L310168
2,4-Dinitrophenol	<0.458	µg/L	0.458	10.0	1	11/08/16 19:26	CGC	L310168
2,4-Dinitrotoluene	<1.92	µg/L	1.92	10.0	1	11/08/16 19:26	CGC	L310168
2,6-Dinitrotoluene	<1.41	µg/L	1.41	10.0	1	11/08/16 19:26	CGC	L310168
Di-n-Octyl Phthalate	<0.707	µg/L	0.707	10.0	1	11/08/16 19:26	CGC	L310168
1,2-Diphenylhydrazine/Azobenzene	<0.817	µg/L	0.817	10.0	1	11/08/16 19:26	CGC	L310168
Fluoranthene	<0.879	µg/L	0.879	4.00	1	11/08/16 19:26	CGC	L310168
Fluorene	<0.585	µg/L	0.585	4.00	1	11/08/16 19:26	CGC	L310168
Hexachlorobenzene	<0.621	µg/L	0.621	10.0	1	11/08/16 19:26	CGC	L310168
Hexachlorobutadiene	<1.31	µg/L	1.31	10.0	1	11/08/16 19:26	CGC	L310168
Hexachlorocyclopentadiene	<0.464	µg/L	0.464	10.0	1	11/08/16 19:26	CGC	L310168
Hexachloroethane	<1.17	µg/L	1.17	10.0	1	11/08/16 19:26	CGC	L310168
Indeno(1,2,3-cd)pyrene	<1.04	µg/L	1.04	4.00	1	11/08/16 19:26	CGC	L310168
Isophorone	<0.379	µg/L	0.379	10.0	1	11/08/16 19:26	CGC	L310168
Naphthalene	<0.608	µg/L	0.608	4.00	1	11/08/16 19:26	CGC	L310168
Nitrobenzene	<0.710	µg/L	0.710	10.0	1	11/08/16 19:26	CGC	L310168
2-Nitrophenol	<1.01	µg/L	1.01	10.0	1	11/08/16 19:26	CGC	L310168
4-Nitrophenol	<0.746	µg/L	0.746	40.0	1	11/08/16 19:26	CGC	L310168
N-Nitrosodimethylamine	<0.741	µg/L	0.741	10.0	1	11/08/16 19:26	CGC	L310168

Qualifiers/ Definitions

DF	Dilution Factor	J	Estimated value
MQL	Method Quantitation Limit	Q	RPD >40% dual column results

01/16/17

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Lab No : **93321**
Sample ID : **WT - B**

Matrix: **Aqueous**
Sampled: **11/3/2016 15:15**

Analytical Method: 625 **Prep Batch(es):** **L310032** 11/08/16 13:40
Prep Method: 625

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
N-Nitrosodiphenylamine	<0.812	µg/L	0.812	20.0 U	1	11/08/16 19:26	CGC	L310168
N-Nitroso-di-n-propylamine	<1.12	µg/L	1.12	10.0	1	11/08/16 19:26	CGC	L310168
Pentachlorophenol	<1.08	µg/L	1.08	10.0	1	11/08/16 19:26	CGC	L310168
Phenanthrene	<0.911	µg/L	0.911	4 00	1	11/08/16 19:26	CGC	L310168
Phenol	<0.517	µg/L	0.517	10.0	1	11/08/16 19:26	CGC	L310168
Pyrene	<1.05	µg/L	1.05	4 00	1	11/08/16 19:26	CGC	L310168
1,2,4-Trichlorobenzene	<0.988	µg/L	0.988	10.0	1	11/08/16 19:26	CGC	L310168
2,4,6-Trichlorophenol	<0.831	µg/L	0.831	10.0	1	11/08/16 19:26	CGC	L310168
Surrogate: 2-Fluorobiphenyl	47.1		Limits: 38-107%		1	11/08/16 19:26	CGC	L310168
Surrogate: 2-Fluorophenol	30.5		Limits: 8-88%		1	11/08/16 19:26	CGC	L310168
Surrogate: Nitrobenzene-d5	49.0		Limits: 29-105%		1	11/08/16 19:26	CGC	L310168
Surrogate: Phenol-d6	21.1		Limits: 7-58%		1	11/08/16 19:26	CGC	L310168
Surrogate: 4-Terphenyl-d14	53.0		Limits: 30-130%		1	11/08/16 19:26	CGC	L310168
Surrogate: 2,4,6-Tribromophenol	60.3		Limits: 16-138%		1	11/08/16 19:26	CGC	L310168

Analytical Method: 625 Screen **Prep Batch(es):** **L309824** 11/07/16 10:40
Prep Method: 625

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Dioxin (2,3,7,8-TCDD) screen	<0.400	µg/L	0.400	1.00 U	1	11/09/16 01:08	RQE	L310125

01/16/17

Qualifiers/ Definitions				
	DF	Dilution Factor	J	Estimated value
	MQL	Method Quantitation Limit	Q	RPD >40% dual column results

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Lab No : **93321**
Sample ID : **WT - B**

Matrix: **Aqueous**
Sampled: **11/3/2016 15:15**

Analytical Method: 608 **Prep Batch(es):** **L309794** 11/07/16 09:40
Prep Method: EPA-608 (PREP)

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Aldrin	<0.0197	µg/L	0.0197	0.0800 U	10	11/07/16 20:15	VIC	L310017
alpha-BHC	<0.0140	µg/L	0.0140	0.0800	10	11/07/16 20:15	VIC	L310017
beta-BHC	<0.0387	µg/L	0.0387	0.0800	10	11/07/16 20:15	VIC	L310017
delta-BHC	<0.0285	µg/L	0.0285	0.0800	10	11/07/16 20:15	VIC	L310017
Chlordane	<0.134	µg/L	0.134	0.400	10	11/07/16 20:15	VIC	L310017
4,4'-DDD	**0.0269 JQ**	µg/L	0.0240	0.0800	10	11/07/16 20:15	VIC	L310017
4,4'-DDE	<0.0201	µg/L	0.0201	0.0800 U	10	11/07/16 20:15	VIC	L310017
4,4'-DDT	<0.0276	µg/L	0.0276	0.0800	10	11/07/16 20:15	VIC	L310017
Dieldrin	<0.0188	µg/L	0.0188	0.0800	10	11/07/16 20:15	VIC	L310017
Alpha-endosulfan	<0.0364	µg/L	0.0364	0.0800	10	11/07/16 20:15	VIC	L310017
Beta-endosulfan	<0.0439	µg/L	0.0439	0.0800	10	11/07/16 20:15	VIC	L310017
Endosulfan Sulfate	<0.0480	µg/L	0.0480	0.0800	10	11/07/16 20:15	VIC	L310017
Endrin	<0.00654	µg/L	0.00654	0.0800	10	11/07/16 20:15	VIC	L310017
Endrin Aldehyde	**0.0140 JQ**	µg/L	0.0101	0.0800	10	11/07/16 20:15	VIC	L310017
gamma-BHC	<0.00610	µg/L	0.00610	0.0800 U	10	11/07/16 20:15	VIC	L310017
Heptachlor	<0.00550	µg/L	0.00550	0.0800	10	11/07/16 20:15	VIC	L310017
Heptachlor Epoxide	<0.00564	µg/L	0.00564	0.0800	10	11/07/16 20:15	VIC	L310017
Toxaphene	<0.200	µg/L	0.200	0.600	10	11/07/16 20:15	VIC	L310017
Surrogate: Decachlorobiphenyl	60.0		Limits: 36-116%		10	11/07/16 20:15	VIC	L310017
Surrogate: Tetrachloro-m-xylene	36.3		Limits: 25-123%		10	11/07/16 20:15	VIC	L310017

01/16/17

Qualifiers/ Definitions

DF	Dilution Factor	J	Estimated value
MQL	Method Quantitation Limit	Q	RPD >40% dual column results

Waypoint ANALYTICAL

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Lab No : **93321**
Sample ID : **WT - B**

Matrix: **Aqueous**
Sampled: **11/3/2016 15:15**

Analytical Method: EPA-608 (PCB) **Prep Batch(es):** **L309792** 11/07/16 09:40
Prep Method: EPA-608 (PCB Prep)

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Aroclor 1016	<0.0702	µg/L	0.0702	0.400 U	1	11/07/16 18:45	VIC	L310057
Aroclor 1221	<0.334	µg/L	0.334	0.400	1	11/07/16 18:45	VIC	L310057
Aroclor 1232	<0.334	µg/L	0.334	0.400	1	11/07/16 18:45	VIC	L310057
Aroclor 1242	<0.334	µg/L	0.334	0.400	1	11/07/16 18:45	VIC	L310057
Aroclor 1248	<0.334	µg/L	0.334	0.400	1	11/07/16 18:45	VIC	L310057
Aroclor 1254	<0.334	µg/L	0.334	0.400	1	11/07/16 18:45	VIC	L310057
Aroclor 1260	<0.108	µg/L	0.103	0.400	1	11/07/16 18:45	VIC	L310057
Surrogate: Decachlorobiphenyl	58.8		Limits: 25-125%		1	11/07/16 18:45	VIC	L310057
Surrogate: Tetrachloro-m-xylene	42.3		Limits: 25-125%		1	11/07/16 18:45	VIC	L310057

01/16/17

Qualifiers/ Definitions				
	DF	Dilution Factor	J	Estimated value
	MQL	Method Quantitation Limit	Q	RPD >40% dual column results

Waypoint ANALYTICAL

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Lab No : **93321**
Sample ID : **WT - B**

Matrix: **Aqueous**
Sampled: **11/3/2016 15:15**

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Method
Cyanide, Total	**0.190**	mg/L	0.003	0.005	1	11/07/16 10:53	EWB	4500CNE-2011
pH	**8.5**	s.u.			1	11/04/16 15:15	RRR	4500H+B-2011
Total Cadmium	~~<0.0005~~	mg/L	0.0005	0.0020 U	1	11/10/16 20:32	CCR	EPA-200.7
Total Chromium	**0.005**	mg/L	0.001	**0.005**	1	11/10/16 20:32	CCR	EPA-200.7
Total Copper	**0.097**	mg/L	0.002	0.005	1	11/10/16 20:32	CCR	EPA-200.7
Total Lead	**0.011**	mg/L	0.003	0.006	1	11/10/16 20:32	CCR	EPA-200.7
Total Nickel	**3.88**	mg/L	0.002	0.005	1	11/10/16 20:32	CCR	EPA-200.7
Total Silver	~~<0.001~~	mg/L	0.001	0.005 U	1	11/10/16 20:32	CCR	EPA-200.7
Total Zinc	**0 006 J**	mg/L	0.002	0.010	1	11/10/16 20:32	CCR	EPA-200.7

01/16/17

Qualifiers/ Definitions				
	DF	Dilution Factor	J	Estimated value
	MQL	Method Quantitation Limit	Q	RPD >40% dual column results

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Lab No : **93322**
Sample ID : **WT - Overflow**

Matrix: **Aqueous**
Sampled: **11/3/2016 15:30**

Analytical Method: 624 **Prep Batch(es):** **L310437** 11/10/16 09:39
Prep Method: EPA-624 (PREP)

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Acrolein	<17.2	µg/L	17.2	200 U	10	11/10/16 18:27	AGH	L310440
Acrylonitrile	<10.3	µg/L	10.3	200	10	11/10/16 18:27	AGH	L310440
Benzene	<1.47	µg/L	1.47	10.0	10	11/10/16 18:27	AGH	L310440
Bromodichloromethane	<2.04	µg/L	2.04	10.0	10	11/10/16 18:27	AGH	L310440
Bromoform	<4.65	µg/L	4.65	10.0	10	11/10/16 18:27	AGH	L310440
Bromomethane	<4.88	µg/L	4.88	10.0	10	11/10/16 18:27	AGH	L310440
Carbon Tetrachloride	<2.11	µg/L	2.11	10.0	10	11/10/16 18:27	AGH	L310440
Chlorobenzene	<4.52	µg/L	4.52	10.0	10	11/10/16 18:27	AGH	L310440
Chlorodibromomethane	<2.54	µg/L	2.54	10.0	10	11/10/16 18:27	AGH	L310440
Chloroethane	<5.92	µg/L	5.92	10.0	10	11/10/16 18:27	AGH	L310440
2-Chloroethylvinyl Ether	<8.02	µg/L	8.02	50.0 UJ	10	11/10/16 18:27	AGH	L310440
Chloroform	<1.97	µg/L	1.97	10.0 U	10	11/10/16 18:27	AGH	L310440
Chloromethane	<5.39	µg/L	5.39	10.0	10	11/10/16 18:27	AGH	L310440
Dichlorodifluoromethane	<7.12	µg/L	7.12	10.0	10	11/10/16 18:27	AGH	L310440
1,1-Dichloroethane	<1.68	µg/L	1.68	10.0	10	11/10/16 18:27	AGH	L310440
1,2-Dichloroethane	<1.00	µg/L	1.00	10.0	10	11/10/16 18:27	AGH	L310440
1,1-Dichloroethene	<1.38	µg/L	1.38	10.0	10	11/10/16 18:27	AGH	L310440
1,2-Trans-dichlorothylene	<1.73	µg/L	1.73	10.0	10	11/10/16 18:27	AGH	L310440
1,2-Dichloropropane	<3.29	µg/L	3.29	10.0	10	11/10/16 18:27	AGH	L310440
cis-1,3-Dichloropropene	<1.71	µg/L	1.71	10.0	10	11/10/16 18:27	AGH	L310440
trans-1,3-Dichloropropene	<2.33	µg/L	2.33	10.0	10	11/10/16 18:27	AGH	L310440
Ethylbenzene	<2.76	µg/L	2.76	10.0	10	11/10/16 18:27	AGH	L310440

Qualifiers/ Definitions
DF Dilution Factor
MQL Method Quantitation Limit
J Estimated value
Q RPD >40% dual column results

01/16/17

Waypoint ANALYTICAL

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Lab No : **93322**
Sample ID : **WT - Overflow**

Matrix: **Aqueous**
Sampled: **11/3/2016 15:30**

Analytical Method: 624 **Prep Batch(es):** **L310437** 11/10/16 09:39
Prep Method: EPA-624 (PREP)

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Methylene Chloride	<37.5	µg/L	37.5	100 U	10	11/10/16 18:27	AGH	L310440
1,1,2,2-Tetrachloroethane	<4.82	µg/L	4.82	10.0	10	11/10/16 18:27	AGH	L310440
Tetrachloroethylene	<2.65	µg/L	2.65	10.0	10	11/10/16 18:27	AGH	L310440
Toluene	<2.03	µg/L	2.03	50.0	10	11/10/16 18:27	AGH	L310440
1,1,1-Trichloroethane	<1.63	µg/L	1.63	10.0	10	11/10/16 18:27	AGH	L310440
1,1,2-Trichloroethane	<2.16	µg/L	2.16	10.0	10	11/10/16 18:27	AGH	L310440
Trichloroethylene	<2.73	µg/L	2.73	10.0	10	11/10/16 18:27	AGH	L310440
Trichlorofluoromethane	<3.08	µg/L	3.08	10.0	10	11/10/16 18:27	AGH	L310440
Vinyl Chloride	<3.94	µg/L	3.94	10.0	10	11/10/16 18:27	AGH	L310440
Surrogate: 4-Bromofluorobenzene	100		Limits: 71-131%		10	11/10/16 18:27	AGH	L310440
Surrogate: Dibromofluoromethane	72.2		Limits: 70-128%		10	11/10/16 18:27	AGH	L310440
Surrogate: 1,2-Dichloroethane - d4	69.4		Limits: 67-136%		10	11/10/16 18:27	AGH	L310440
Surrogate: Toluene-d8	80.0		Limits: 70-130%		10	11/10/16 18:27	AGH	L310440

Analytical Method: 625 **Prep Batch(es):** **L310032** 11/08/16 13:40
Prep Method: 625

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Acenaphthene	<0.480	µg/L	0.480	2.00 U	1	11/10/16 14:13	CGC	L310168
Acenaphthylene	<0.418	µg/L	0.418	2.00	1	11/10/16 14:13	CGC	L310168
Anthracene	<0.452	µg/L	0.452	2.00	1	11/10/16 14:13	CGC	L310168
Benzidine	<1.08	µg/L	1.08	20.0 UJ	1	11/10/16 14:13	CGC	L310168
Benzo(a)anthracene	<0.263	µg/L	0.263	2.00 U	1	11/10/16 14:13	CGC	L310168

Qualifiers/ Definitions

DF	Dilution Factor	J	Estimated value
MQL	Method Quantitation Limit	Q	RPD >40% dual column results

01/16/17

Waypoint ANALYTICAL

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Lab No : **93322**
Sample ID : **WT - Overflow**

Matrix: **Aqueous**
Sampled: **11/3/2016 15:30**

Analytical Method: 625
Prep Method: 625

Prep Batch(es): **L310032** 11/08/16 13:40

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Benzo(a)pyrene	<0.238	µg/L	0.238	2.00 U	1	11/10/16 14:13	CGC	L310168
Benzo(b)fluoranthene	<0.315	µg/L	0.315	2.00	1	11/10/16 14:13	CGC	L310168
Benzo(g,h,i)perylene	<0.501	µg/L	0.501	2.00	1	11/10/16 14:13	CGC	L310168
Benzo(k)fluoranthene	<0.422	µg/L	0.422	2.00	1	11/10/16 14:13	CGC	L310168
Bis(2-Chloroethoxy)methane	<0.307	µg/L	0.307	5.00	1	11/10/16 14:13	CGC	L310168
Bis(2-Chloroethyl)ether	<0.482	µg/L	0.482	5.00	1	11/10/16 14:13	CGC	L310168
Bis(2-Chloroisopropyl)ether	<0.568	µg/L	0.568	5.00	1	11/10/16 14:13	CGC	L310168
Bis(2-ethylhexyl)phthalate	<0.534	µg/L	0.534	10.0	1	11/10/16 14:13	CGC	L310168
4-Bromophenyl phenyl ether	<0.415	µg/L	0.415	5.00	1	11/10/16 14:13	CGC	L310168
Butyl benzyl phthalate	<0.378	µg/L	0.378	5.00	1	11/10/16 14:13	CGC	L310168
4-Chloro-3-methylphenol	<0.343	µg/L	0.343	5.00	1	11/10/16 14:13	CGC	L310168
2-Chloronaphthalene	<0.544	µg/L	0.544	5.00	1	11/10/16 14:13	CGC	L310168
2-Chlorophenol	<0.520	µg/L	0.520	5.00	1	11/10/16 14:13	CGC	L310168
4-Chlorophenyl phenyl ether	<0.230	µg/L	0.230	5.00	1	11/10/16 14:13	CGC	L310168
Chrysene	<0.373	µg/L	0.373	2.00	1	11/10/16 14:13	CGC	L310168
Dibenz(a,h)anthracene	<0.325	µg/L	0.325	2.00	1	11/10/16 14:13	CGC	L310168
1,2-Dichlorobenzene	<0.731	µg/L	0.731	5.00	1	11/10/16 14:13	CGC	L310168
1,3-Dichlorobenzene	<0.726	µg/L	0.726	5.00	1	11/10/16 14:13	CGC	L310168
1,4-Dichlorobenzene	<0.547	µg/L	0.547	5.00	1	11/10/16 14:13	CGC	L310168
3,3'-Dichlorobenzidine	<0.664	µg/L	0.664	5.00	1	11/10/16 14:13	CGC	L310168
2,4-Dichlorophenol	<0.317	µg/L	0.317	5.00	1	11/10/16 14:13	CGC	L310168
Diethyl phthalate	<0.234	µg/L	0.234	5.00	1	11/10/16 14:13	CGC	L310168

Qualifiers/ Definitions

DF	Dilution Factor	J	Estimated value
MQL	Method Quantitation Limit	Q	RPD >40% dual column results

01/16/17

Waypoint ANALYTICAL

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Lab No : **93322**
Sample ID : **WT - Overflow**

Matrix: **Aqueous**
Sampled: **11/3/2016 15:30**

Analytical Method: 625 **Prep Batch(es):** **L310032** 11/08/16 13:40
Prep Method: 625

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Dimethyl phthalate	<0.384	µg/L	0.384	5.00 U	1	11/10/16 14:13	CGC	L310168
2,4-Dimethylphenol	<0.842	µg/L	0.842	5.00	1	11/10/16 14:13	CGC	L310168
Di-n-butyl phthalate	<0.401	µg/L	0.401	5.00	1	11/10/16 14:13	CGC	L310168
4,6-Dinitro-o-cresol	<0.454	µg/L	0.454	10.0	1	11/10/16 14:13	CGC	L310168
2,4-Dinitrophenol	<0.229	µg/L	0.229	5.00	1	11/10/16 14:13	CGC	L310168
2,4-Dinitrotoluene	<0.958	µg/L	0.958	5.00	1	11/10/16 14:13	CGC	L310168
2,6-Dinitrotoluene	<0.705	µg/L	0.705	5.00	1	11/10/16 14:13	CGC	L310168
Di-n-Octyl Phthalate	<0.353	µg/L	0.353	5.00	1	11/10/16 14:13	CGC	L310168
1,2-Diphenylhydrazine/Azobenzene	<0.408	µg/L	0.408	5.00	1	11/10/16 14:13	CGC	L310168
Fluoranthene	<0.439	µg/L	0.439	2.00	1	11/10/16 14:13	CGC	L310168
Fluorene	<0.292	µg/L	0.292	2.00	1	11/10/16 14:13	CGC	L310168
Hexachlorobenzene	<0.310	µg/L	0.310	5.00	1	11/10/16 14:13	CGC	L310168
Hexachlorobutadiene	<0.653	µg/L	0.653	5.00	1	11/10/16 14:13	CGC	L310168
Hexachlorocyclopentadiene	<0.232	µg/L	0.232	5.00	1	11/10/16 14:13	CGC	L310168
Hexachloroethane	<0.582	µg/L	0.582	5.00	1	11/10/16 14:13	CGC	L310168
Indeno(1,2,3-cd)pyrene	<0.518	µg/L	0.518	2.00	1	11/10/16 14:13	CGC	L310168
Isophorone	<0.189	µg/L	0.189	5.00	1	11/10/16 14:13	CGC	L310168
Naphthalene	<0.304	µg/L	0.304	2.00	1	11/10/16 14:13	CGC	L310168
Nitrobenzene	<0.355	µg/L	0.355	5.00	1	11/10/16 14:13	CGC	L310168
2-Nitrophenol	<0.504	µg/L	0.504	5.00	1	11/10/16 14:13	CGC	L310168
4-Nitrophenol	<0.373	µg/L	0.373	20.0	1	11/10/16 14:13	CGC	L310168
N-Nitrosodimethylamine	<0.370	µg/L	0.370	5.00	1	11/10/16 14:13	CGC	L310168

Qualifiers/ Definitions

DF	Dilution Factor	J	Estimated value
MQL	Method Quantitation Limit	Q	RPD >40% dual column results

01/16/17

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Lab No : **93322**
Sample ID : **WT - Overflow**

Matrix: **Aqueous**
Sampled: **11/3/2016 15:30**

Analytical Method: 625 **Prep Batch(es):** **L310032** 11/08/16 13:40
Prep Method: 625

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
N-Nitrosodiphenylamine	<0.406	µg/L	0.406	10.0 U	1	11/10/16 14:13	CGC	L310168
N-Nitroso-di-n-propylamine	<0.561	µg/L	0.561	5.00	1	11/10/16 14:13	CGC	L310168
Pentachlorophenol	<0.540	µg/L	0.540	5.00	1	11/10/16 14:13	CGC	L310168
Phenanthrene	<0.455	µg/L	0.455	2.00	1	11/10/16 14:13	CGC	L310168
Phenol	<0.258	µg/L	0.258	5.00	1	11/10/16 14:13	CGC	L310168
Pyrene	<0.526	µg/L	0.526	2.00	1	11/10/16 14:13	CGC	L310168
1,2,4-Trichlorobenzene	<0.494	µg/L	0.494	5.00	1	11/10/16 14:13	CGC	L310168
2,4,6-Trichlorophenol	**0.863 J**	µg/L	0.415	5.00	1	11/10/16 14:13	CGC	L310168
Surrogate: 2-Fluorobiphenyl	47.0		Limits: 38-107%		1	11/10/16 14:13	CGC	L310168
Surrogate: 2-Fluorophenol	24.3		Limits: 8-88%		1	11/10/16 14:13	CGC	L310168
Surrogate: Nitrobenzene-d5	43.7		Limits: 29-105%		1	11/10/16 14:13	CGC	L310168
Surrogate: Phenol-d6	20.7		Limits: 7-58%		1	11/10/16 14:13	CGC	L310168
Surrogate: 4-Terphenyl-d14	62.6		Limits: 30-130%		1	11/10/16 14:13	CGC	L310168
Surrogate: 2,4,6-Tribromophenol	55.0		Limits: 16-138%		1	11/10/16 14:13	CGC	L310168

Analytical Method: 625 Screen **Prep Batch(es):** **L309824** 11/07/16 10:40
Prep Method: 625

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Dioxin (2,3,7,8-TCDD) screen	<0.200	µg/L	0.200	1.00 U	1	11/09/16 01:39	RQE	L310125

01/16/17

Qualifiers/ Definitions				
	DF	Dilution Factor	J	Estimated value
	MQL	Method Quantitation Limit	Q	RPD >40% dual column results

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Lab No : **93322**
Sample ID : **WT - Overflow**

Matrix: **Aqueous**
Sampled: **11/3/2016 15:30**

Analytical Method: 608 **Prep Batch(es):** **L309794** 11/07/16 09:40
Prep Method: EPA-608 (PREP)

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Aldrin	~~<0.00983~~	µg/L	0.00983	0.0400 U	10	11/07/16 20:33	VIC	L310017
alpha-BHC	~~<0.00700~~	µg/L	0.00700	0.0400	10	11/07/16 20:33	VIC	L310017
beta-BHC	~~<0.0193~~	µg/L	0.0193	0.0400	10	11/07/16 20:33	VIC	L310017
delta-BHC	**1.03 ~~Q~~ J**	µg/L	0.0143	0.0400	10	11/07/16 20:33	VIC	L310017
Chlordane	~~<0.0670~~	µg/L	0.0670	0.200 U	10	11/07/16 20:33	VIC	L310017
4,4'-DDD	**0.0251 J~~Q~~**	µg/L	0.0120	0.0400	10	11/07/16 20:33	VIC	L310017
4,4'-DDE	~~<0.0101~~	µg/L	0.0101	0.0400 U	10	11/07/16 20:33	VIC	L310017
4,4'-DDT	~~<0.0138~~	µg/L	0.0138	0.0400	10	11/07/16 20:33	VIC	L310017
Dieldrin	~~<0.00942~~	µg/L	0.00942	0.0400	10	11/07/16 20:33	VIC	L310017
Alpha-endosulfan	~~<0.0182~~	µg/L	0.0182	0.0400	10	11/07/16 20:33	VIC	L310017
Beta-endosulfan	~~<0.0220~~	µg/L	0.0220	0.0400	10	11/07/16 20:33	VIC	L310017
Endosulfan Sulfate	~~<0.0240~~	µg/L	0.0240	0.0400	10	11/07/16 20:33	VIC	L310017
Endrin	~~<0.00327~~	µg/L	0.00327	0.0400	10	11/07/16 20:33	VIC	L310017
Endrin Aldehyde	~~<0.00503~~	µg/L	0.00503	0.0400	10	11/07/16 20:33	VIC	L310017
gamma-BHC	**0.0114 J~~Q~~**	µg/L	0.00305	0.0400	10	11/07/16 20:33	VIC	L310017
Heptachlor	~~<0.00275~~	µg/L	0.00275	0.0400 U	10	11/07/16 20:33	VIC	L310017
Heptachlor Epoxide	~~<0.00282~~	µg/L	0.00282	0.0400	10	11/07/16 20:33	VIC	L310017
Toxaphene	~~<0.100~~	µg/L	0.100	0.300	10	11/07/16 20:33	VIC	L310017
Surrogate: Decachlorobiphenyl	38.9		Limits: 36-116%		10	11/07/16 20:33	VIC	L310017
Surrogate: Tetrachloro-m-xylene	29.9		Limits: 25-123%		10	11/07/16 20:33	VIC	L310017

01/16/17

Qualifiers/ Definitions

DF	Dilution Factor	J	Estimated value
MQL	Method Quantitation Limit	Q	RPD >40% dual column results

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Lab No : **93322**
Sample ID : **WT - Overflow**

Matrix: **Aqueous**
Sampled: **11/3/2016 15:30**

Analytical Method: EPA-608 (PCB) **Prep Batch(es):** **L309792** 11/07/16 09:40
Prep Method: EPA-608 (PCB Prep)

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Aroclor 1016	~~<0.0351~~	µg/L	0.0351	0.200 U	1	11/07/16 19:02	VIC	L310057
Aroclor 1221	<0.167	µg/L	0.167	0.200	1	11/07/16 19:02	VIC	L310057
Aroclor 1232	~~<0.167~~	µg/L	0.167	0.200	1	11/07/16 19:02	VIC	L310057
Aroclor 1242	~~<0.167~~	µg/L	0.167	0.200	1	11/07/16 19:02	VIC	L310057
Aroclor 1248	~~<0.167~~	µg/L	0.167	0.200	1	11/07/16 19:02	VIC	L310057
Aroclor 1254	~~<0.167~~	µg/L	0.167	0.200	1	11/07/16 19:02	VIC	L310057
Aroclor 1260	~~<0.0513~~	µg/L	0.0513	0.200	1	11/07/16 19:02	VIC	L310057
Surrogate: Decachlorobiphenyl	61.1		Limits: 25-125%		1	11/07/16 19:02	VIC	L310057
Surrogate: Tetrachloro-m-xylene	53.2		Limits: 25-125%		1	11/07/16 19:02	VIC	L310057

gaw
01/16/17

Qualifiers/ Definitions

DF	Dilution Factor	J	Estimated value
MQL	Method Quantitation Limit	Q	RPD >40% dual column results

Waypoint ANALYTICAL

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Lab No : **93322**
Sample ID : **WT - Overflow**

Matrix: **Aqueous**
Sampled: **11/3/2016 15:30**

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Method
Cyanide, Total	**0.043**	mg/L	0.003	0.005	1	11/07/16 10:53	EWB	4500CNE-2011
pH	**9.7**	s.u.			1	11/04/16 15:15	RRR	4500H+B-2011
Total Cadmium	~~<0.0005~~	mg/L	0.0005	0 0020 u	1	11/10/16 20:37	CCR	EPA-200.7
Total Chromium	**3.14**	mg/L	0.001	0.005	1	11/10/16 20:37	CCR	EPA-200.7
Total Copper	**0.510**	mg/L	0.002	0.005	1	11/10/16 20:37	CCR	EPA-200.7
Total Lead	**0.038**	mg/L	0.003	0.006	1	11/10/16 20:37	CCR	EPA-200.7
Total Nickel	**12 0**	mg/L	0.002	0.005	1	11/10/16 20:37	CCR	EPA-200.7
Total Silver	~~<0.001~~	mg/L	0.001	0.005 u	1	11/10/16 20:37	CCR	EPA-200.7
Total Zinc	**0.128**	mg/L	0.002	0.010	1	11/10/16 20:37	CCR	EPA-200.7

01/16/17

Qualifiers/ Definitions				
	DF	Dilution Factor	J	Estimated value
	MQL	Method Quantitation Limit	Q	RPD >40% dual column results

Waypoint ANALYTICAL

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Lab No : **93323**
Sample ID : **WT - ST**

Matrix: **Aqueous**
Sampled: **11/3/2016 15:45**

Analytical Method: 624 **Prep Batch(es):** **L310437** 11/10/16 09:39
Prep Method: EPA-624 (PREP)

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Acrolein	<1.72	µg/L	1.72	20.0 UJ	1	11/10/16 19:08	AGH	L310440
Acrylonitrile	<1.03	µg/L	1.03	20.0 U	1	11/10/16 19:08	AGH	L310440
Benzene	<0.147	µg/L	0.147	1.00	1	11/10/16 19:08	AGH	L310440
Bromodichloromethane	<0.204	µg/L	0.204	1.00	1	11/10/16 19:08	AGH	L310440
Bromoform	<0.465	µg/L	0.465	1.00	1	11/10/16 19:08	AGH	L310440
Bromomethane	<0.488	µg/L	0.488	1.00	1	11/10/16 19:08	AGH	L310440
Carbon Tetrachloride	<0.211	µg/L	0.211	1.00	1	11/10/16 19:08	AGH	L310440
Chlorobenzene	<0.452	µg/L	0.452	1.00	1	11/10/16 19:08	AGH	L310440
Chlorodibromomethane	<0.254	µg/L	0.254	1.00	1	11/10/16 19:08	AGH	L310440
Chloroethane	<0.592	µg/L	0.592	1.00	1	11/10/16 19:08	AGH	L310440
2-Chloroethylvinyl Ether	<0.802	µg/L	0.802	5.00 UJ	1	11/10/16 19:08	AGH	L310440
Chloroform	<0.197	µg/L	0.197	1.00 U	1	11/10/16 19:08	AGH	L310440
Chloromethane	<0.539	µg/L	0.539	1.00	1	11/10/16 19:08	AGH	L310440
Dichlorodifluoromethane	<0.712	µg/L	0.712	1.00	1	11/10/16 19:08	AGH	L310440
1,1-Dichloroethane	<0.168	µg/L	0.168	1.00	1	11/10/16 19:08	AGH	L310440
1,2-Dichloroethane	<0.100	µg/L	0.100	1.00	1	11/10/16 19:08	AGH	L310440
1,1-Dichloroethene	<0.138	µg/L	0.138	1.00	1	11/10/16 19:08	AGH	L310440
1,2-Trans-dichlorothylene	<0.173	µg/L	0.173	1.00	1	11/10/16 19:08	AGH	L310440
1,2-Dichloropropane	<0.329	µg/L	0.329	1.00	1	11/10/16 19:08	AGH	L310440
cis-1,3-Dichloropropene	<0.171	µg/L	0.171	1.00	1	11/10/16 19:08	AGH	L310440
trans-1,3-Dichloropropene	<0.233	µg/L	0.233	1.00	1	11/10/16 19:08	AGH	L310440
Ethylbenzene	<0.276	µg/L	0.276	1.00	1	11/10/16 19:08	AGH	L310440

Qualifiers/ Definitions

DF	Dilution Factor	J	Estimated value
MQL	Method Quantitation Limit	Q	RPD >40% dual column results

01/16/17

Waypoint ANALYTICAL

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Lab No : **93323**
Sample ID : **WT - ST**

Matrix: **Aqueous**
Sampled: **11/3/2016 15:45**

Analytical Method: 624 **Prep Batch(es):** **L310437** 11/10/16 09:39
Prep Method: EPA-624 (PREP)

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Methylene Chloride	<3.75	µg/L	3.75	10 0 u	1	11/10/16 19:08	AGH	L310440
1,1,2,2-Tetrachloroethane	<0.482	µg/L	0.482	1.00	1	11/10/16 19:08	AGH	L310440
Tetrachloroethylene	<0.265	µg/L	0.265	1.00	1	11/10/16 19:08	AGH	L310440
Toluene	<0.203	µg/L	0.203	5.00	1	11/10/16 19:08	AGH	L310440
1,1,1-Trichloroethane	<0.163	µg/L	0.163	1.00	1	11/10/16 19:08	AGH	L310440
1,1,2-Trichloroethane	<0.216	µg/L	0.216	1.00	1	11/10/16 19:08	AGH	L310440
Trichloroethylene	<0.273	µg/L	0.273	1.00	1	11/10/16 19:08	AGH	L310440
Trichlorofluoromethane	<0.308	µg/L	0.308	1.00	1	11/10/16 19:08	AGH	L310440
Vinyl Chloride	<0.394	µg/L	0.394	1.00	1	11/10/16 19:08	AGH	L310440
Surrogate: 4-Bromofluorobenzene	107		Limits: 71-131%		1	11/10/16 19:08	AGH	L310440
Surrogate: Dibromofluoromethane	70.6		Limits: 70-128%		1	11/10/16 19:08	AGH	L310440
Surrogate: 1,2-Dichloroethane - d4	74.2		Limits: 67-136%		1	11/10/16 19:08	AGH	L310440
Surrogate: Toluene-d8	78.2		Limits: 70-130%		1	11/10/16 19:08	AGH	L310440

Analytical Method: 625 **Prep Batch(es):** **L310032** 11/08/16 13:40
Prep Method: 625

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Acenaphthene	<0.480	µg/L	0.480	2.00 u	1	11/08/16 20:20	CGC	L310168
Acenaphthylene	<0.418	µg/L	0.418	2.00	1	11/08/16 20:20	CGC	L310168
Anthracene	<0.452	µg/L	0.452	2.00	1	11/08/16 20:20	CGC	L310168
Benzidine	<1.08	µg/L	1.08	20.0 uJ	1	11/08/16 20:20	CGC	L310168
Benzo(a)anthracene	<0.263	µg/L	0.263	2.00 u	1	11/08/16 20:20	CGC	L310168

Qualifiers/ Definitions

DF	Dilution Factor	J	Estimated value
MQL	Method Quantitation Limit	Q	RPD >40% dual column results

gaw
01/16/17

Waypoint ANALYTICAL

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Lab No : **93323**
Sample ID : **WT - ST**

Matrix: **Aqueous**
Sampled: **11/3/2016 15:45**

Analytical Method: 625 **Prep Batch(es):** **L310032** 11/08/16 13:40
Prep Method: 625

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Benzo(a)pyrene	<0.238	µg/L	0.238	2.00 U	1	11/08/16 20:20	CGC	L310168
Benzo(b)fluoranthene	<0.315	µg/L	0.315	2.00	1	11/08/16 20:20	CGC	L310168
Benzo(g,h,i)perylene	<0.501	µg/L	0.501	2.00	1	11/08/16 20:20	CGC	L310168
Benzo(k)fluoranthene	<0.422	µg/L	0.422	2.00	1	11/08/16 20:20	CGC	L310168
Bis(2-Chloroethoxy)methane	<0.307	µg/L	0.307	5.00	1	11/08/16 20:20	CGC	L310168
Bis(2-Chloroethyl)ether	<0.482	µg/L	0.482	5.00	1	11/08/16 20:20	CGC	L310168
Bis(2-Chloroisopropyl)ether	<0.568	µg/L	0.568	5.00	1	11/08/16 20:20	CGC	L310168
Bis(2-ethylhexyl)phthalate	<0.534	µg/L	0.534	10.0	1	11/08/16 20:20	CGC	L310168
4-Bromophenyl phenyl ether	<0.415	µg/L	0.415	5.00	1	11/08/16 20:20	CGC	L310168
Butyl benzyl phthalate	<0.378	µg/L	0.378	5.00	1	11/08/16 20:20	CGC	L310168
4-Chloro-3-methylphenol	<0.343	µg/L	0.343	5.00	1	11/08/16 20:20	CGC	L310168
2-Chloronaphthalene	<0.544	µg/L	0.544	5.00	1	11/08/16 20:20	CGC	L310168
2-Chlorophenol	<0.520	µg/L	0.520	5.00	1	11/08/16 20:20	CGC	L310168
4-Chlorophenyl phenyl ether	<0.230	µg/L	0.230	5.00	1	11/08/16 20:20	CGC	L310168
Chrysene	<0.373	µg/L	0.373	2.00	1	11/08/16 20:20	CGC	L310168
Dibenz(a,h)anthracene	<0.325	µg/L	0.325	2.00	1	11/08/16 20:20	CGC	L310168
1,2-Dichlorobenzene	<0.731	µg/L	0.731	5.00	1	11/08/16 20:20	CGC	L310168
1,3-Dichlorobenzene	<0.726	µg/L	0.726	5.00	1	11/08/16 20:20	CGC	L310168
1,4-Dichlorobenzene	<0.547	µg/L	0.547	5.00	1	11/08/16 20:20	CGC	L310168
3,3'-Dichlorobenzidine	<0.664	µg/L	0.664	5.00	1	11/08/16 20:20	CGC	L310168
2,4-Dichlorophenol	<0.317	µg/L	0.317	5.00	1	11/08/16 20:20	CGC	L310168
Diethyl phthalate	<0.234	µg/L	0.234	5.00	1	11/08/16 20:20	CGC	L310168

Qualifiers/ Definitions

DF	Dilution Factor	J	Estimated value
MQL	Method Quantitation Limit	Q	RPD >40% dual column results

gaw
01/16/17

Waypoint ANALYTICAL

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Lab No : **93323**
Sample ID : **WT - ST**

Matrix: **Aqueous**
Sampled: **11/3/2016 15:45**

Analytical Method: 625 **Prep Batch(es):** **L310032** 11/08/16 13:40
Prep Method: 625

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Dimethyl phthalate	<0.384	µg/L	0.384	5.00 U	1	11/08/16 20:20	CGC	L310168
2,4-Dimethylphenol	<0.842	µg/L	0.842	5.00	1	11/08/16 20:20	CGC	L310168
Di-n-butyl phthalate	<0.401	µg/L	0.401	5.00	1	11/08/16 20:20	CGC	L310168
4,6-Dinitro-o-cresol	<0.454	µg/L	0.454	10.0	1	11/08/16 20:20	CGC	L310168
2,4-Dinitrophenol	<0.229	µg/L	0.229	5.00	1	11/08/16 20:20	CGC	L310168
2,4-Dinitrotoluene	<0.958	µg/L	0.958	5.00	1	11/08/16 20:20	CGC	L310168
2,6-Dinitrotoluene	<0.705	µg/L	0.705	5.00	1	11/08/16 20:20	CGC	L310168
Di-n-Octyl Phthalate	<0.353	µg/L	0.353	5.00	1	11/08/16 20:20	CGC	L310168
1,2-Diphenylhydrazine/Azobenzene	<0.408	µg/L	0.408	5.00	1	11/08/16 20:20	CGC	L310168
Fluoranthene	<0.439	µg/L	0.439	2.00	1	11/08/16 20:20	CGC	L310168
Fluorene	<0.292	µg/L	0.292	2.00	1	11/08/16 20:20	CGC	L310168
Hexachlorobenzene	<0.310	µg/L	0.310	5.00	1	11/08/16 20:20	CGC	L310168
Hexachlorobutadiene	<0.653	µg/L	0.653	5.00	1	11/08/16 20:20	CGC	L310168
Hexachlorocyclopentadiene	<0.232	µg/L	0.232	5.00	1	11/08/16 20:20	CGC	L310168
Hexachloroethane	<0.582	µg/L	0.582	5.00	1	11/08/16 20:20	CGC	L310168
Indeno(1,2,3-cd)pyrene	<0.518	µg/L	0.518	2.00	1	11/08/16 20:20	CGC	L310168
Isophorone	<0.189	µg/L	0.189	5.00	1	11/08/16 20:20	CGC	L310168
Naphthalene	<0.304	µg/L	0.304	2.00	1	11/08/16 20:20	CGC	L310168
Nitrobenzene	<0.355	µg/L	0.355	5.00	1	11/08/16 20:20	CGC	L310168
2-Nitrophenol	<0.504	µg/L	0.504	5.00	1	11/08/16 20:20	CGC	L310168
4-Nitrophenol	<0.373	µg/L	0.373	20.0	1	11/08/16 20:20	CGC	L310168
N-Nitrosodimethylamine	<0.370	µg/L	0.370	5 00	1	11/08/16 20:20	CGC	L310168

Qualifiers/ Definitions

DF	Dilution Factor	J	Estimated value
MQL	Method Quantitation Limit	Q	RPD >40% dual column results

01/16/17

Waypoint ANALYTICAL

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

06379

Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Lab No : **93323**
Sample ID : **WT - ST**

Matrix: **Aqueous**
Sampled: **11/3/2016 15:45**

Analytical Method: 625 **Prep Batch(es):** **L310032** 11/08/16 13:40
Prep Method: 625

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
N-Nitrosodiphenylamine	~~<0.406~~	µg/L	0.406	10.0 U	1	11/08/16 20:20	CGC	L310168
N-Nitroso-di-n-propylamine	<0.561	µg/L	0.561	5.00	1	11/08/16 20:20	CGC	L310168
Pentachlorophenol	<0.540	µg/L	0.540	5.00	1	11/08/16 20:20	CGC	L310168
Phenanthrene	<0.455	µg/L	0.455	2.00	1	11/08/16 20:20	CGC	L310168
Phenol	<0.258	µg/L	0.258	5.00	1	11/08/16 20:20	CGC	L310168
Pyrene	<0.526	µg/L	0.526	2.00	1	11/08/16 20:20	CGC	L310168
1,2,4-Trichlorobenzene	<0.494	µg/L	0.494	5.00	1	11/08/16 20:20	CGC	L310168
2,4,6-Trichlorophenol	<0.415	µg/L	0.415	5.00	1	11/08/16 20:20	CGC	L310168
Surrogate: 2-Fluorobiphenyl	63.5		Limits: 38-107%		1	11/08/16 20:20	CGC	L310168
Surrogate: 2-Fluorophenol	32.8		Limits: 8-88%		1	11/08/16 20:20	CGC	L310168
Surrogate: Nitrobenzene-d5	65.4		Limits: 29-105%		1	11/08/16 20:20	CGC	L310168
Surrogate: Phenol-d6	20.8		Limits: 7-58%		1	11/08/16 20:20	CGC	L310168
Surrogate: 4-Terphenyl-d14	65.4		Limits: 30-130%		1	11/08/16 20:20	CGC	L310168
Surrogate: 2,4,6-Tribromophenol	89.4		Limits: 16-138%		1	11/08/16 20:20	CGC	L310168

Analytical Method: 625 Screen **Prep Batch(es):** **L309824** 11/07/16 10:40
Prep Method: 625

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch	
Dioxin (2,3,7,8-TCDD) screen	~~<0.200~~	µg/L	0.200	1.00 U	1	11/09/16 02:10	RQE	L310125	~

01/16/17

Qualifiers/ Definitions				
	DF	Dilution Factor	J	Estimated value
	MQL	Method Quantitation Limit	Q	RPD >40% dual column results

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Lab No : **93323**
Sample ID : **WT - ST**

Matrix: **Aqueous**
Sampled: **11/3/2016 15:45**

Analytical Method: 608 **Prep Batch(es):** **L309794** 11/07/16 09:40
Prep Method: EPA-608 (PREP)

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Aldrin	<0.00983	µg/L	0.00983	0.0400 U	10	11/07/16 20:50	VIC	L310017
alpha-BHC	<0.00700	µg/L	0.00700	0.0400	10	11/07/16 20:50	VIC	L310017
beta-BHC	<0.0193	µg/L	0.0193	0.0400	10	11/07/16 20:50	VIC	L310017
delta-BHC	<0.0143	µg/L	0.0143	0.0400	10	11/07/16 20:50	VIC	L310017
Chlordane	<0.0670	µg/L	0.0670	0.200	10	11/07/16 20:50	VIC	L310017
4,4'-DDD	**0.0261 J**	µg/L	0.0120	0.0400	10	11/07/16 20:50	VIC	L310017
4,4'-DDE	<0.0101	µg/L	0.0101	0.0400 U	10	11/07/16 20:50	VIC	L310017
4,4'-DDT	<0.0138	µg/L	0.0138	0.0400	10	11/07/16 20:50	VIC	L310017
Dieldrin	<0.00942	µg/L	0.00942	0.0400	10	11/07/16 20:50	VIC	L310017
Alpha-endosulfan	<0.0182	µg/L	0.0182	0.0400	10	11/07/16 20:50	VIC	L310017
Beta-endosulfan	<0.0220	µg/L	0.0220	0.0400	10	11/07/16 20:50	VIC	L310017
Endosulfan Sulfate	<0.0240	µg/L	0.0240	0.0400	10	11/07/16 20:50	VIC	L310017
Endrin	<0.00327	µg/L	0.00327	0.0400	10	11/07/16 20:50	VIC	L310017
Endrin Aldehyde	**0.0150 J**	µg/L	0.00503	0.0400	10	11/07/16 20:50	VIC	L310017
gamma-BHC	<0.00305	µg/L	0.00305	0.0400 U	10	11/07/16 20:50	VIC	L310017
Heptachlor	<0.00275	µg/L	0.00275	0.0400	10	11/07/16 20:50	VIC	L310017
Heptachlor Epoxide	<0.00282	µg/L	0.00282	0.0400	10	11/07/16 20:50	VIC	L310017
Toxaphene	<0.100	µg/L	0.100	0.300	10	11/07/16 20:50	VIC	L310017
Surrogate: Decachlorobiphenyl	68.4		Limits: 36-116%		10	11/07/16 20:50	VIC	L310017
Surrogate: Tetrachloro-m-xylene	33.9		Limits: 25-123%		10	11/07/16 20:50	VIC	L310017

01/16/17

Qualifiers/ Definitions

DF	Dilution Factor	J	Estimated value
MQL	Method Quantitation Limit	Q	RPD >40% dual column results

Waypoint ANALYTICAL

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Lab No : **93323**
Sample ID : **WT - ST**

Matrix: **Aqueous**
Sampled: **11/3/2016 15:45**

Analytical Method: EPA-608 (PCB) **Prep Batch(es):** **L309792** 11/07/16 09:40
Prep Method: EPA-608 (PCB Prep)

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Aroclor 1016	~~<0.0351~~	µg/L	0.0351	0.200 U	1	11/07/16 19:19	VIC	L310057
Aroclor 1221	~~<0.167~~	µg/L	0.167	0.200	1	11/07/16 19:19	VIC	L310057
Aroclor 1232	~~<0.167~~	µg/L	0.167	0.200	1	11/07/16 19:19	VIC	L310057
Aroclor 1242	~~<0.167~~	µg/L	0.167	0.200	1	11/07/16 19:19	VIC	L310057
Aroclor 1248	~~<0.167~~	µg/L	0.167	0.200	1	11/07/16 19:19	VIC	L310057
Aroclor 1254	~~<0.167~~	µg/L	0.167	0.200	1	11/07/16 19:19	VIC	L310057
Aroclor 1260	~~<0.0513~~	µg/L	0.0513	0.200	1	11/07/16 19:19	VIC	L310057
Surrogate: Decachlorobiphenyl	106		Limits: 25-125%		1	11/07/16 19:19	VIC	L310057
Surrogate: Tetrachloro-m-xylene	55.5		Limits: 25-125%		1	11/07/16 19:19	VIC	L310057

JAW
01/16/17

Qualifiers/ Definitions				
	DF	Dilution Factor	J	Estimated value
	MQL	Method Quantitation Limit	Q	RPD >40% dual column results

Waypoint ANALYTICAL

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Lab No : **93323**
Sample ID : **WT - ST**

Matrix: **Aqueous**
Sampled: **11/3/2016 15:45**

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Method
Cyanide, Total	~~<0.003~~	mg/L	0.003	0.005 U	1	11/07/16 10:53	EWB	4500CNE-2011
pH	**8.4**	s.u.			1	11/04/16 15:15	RRR	4500H+B-2011
Total Cadmium	~~<0.0005~~	mg/L	0.0005	0.0020 U	1	11/10/16 20:51	CCR	EPA-200.7
Total Chromium	**0.027**	mg/L	0.001	0.005	1	11/10/16 20:51	CCR	EPA-200.7
Total Copper	**0.037**	mg/L	0.002	0.005	1	11/10/16 20:51	CCR	EPA-200.7
Total Lead	~~<0.003~~	mg/L	0.003	0.006 U	1	11/10/16 20:51	CCR	EPA-200.7
Total Nickel	**0.921**	mg/L	0.002	0.005	1	11/10/16 20:51	CCR	EPA-200.7
Total Silver	~~<0.001~~	mg/L	0.001	0.005 U	1	11/10/16 20:51	CCR	EPA-200.7
Total Zinc	**0.011**	mg/L	0.002	0.010	1	11/10/16 20:51	CCR	EPA-200.7

JAW
01/16/17

Qualifiers/ Definitions				
	DF	Dilution Factor	J	Estimated value
	MQL	Method Quantitation Limit	Q	RPD >40% dual column results

Waypoint ANALYTICAL

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 12/06/2016
Received : 11/4/2016

Report Number : **16-340-0326**

REPORT OF ANALYSIS

Nathan Pera, IV
Project Manager

Lab No : **93320**
Sample ID : **WT-A**

Matrix: **Aqueous**
Sampled: **11/3/2016 15:00**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Total Suspended Solids	5 H J	mg/L	2	1	12/05/16 15:20	KGL	2540D-2011

gaw
01/16/17

Qualifiers/ Definitions				
	DF	Dilution Factor	H	Beyond holding time
	MQL	Method Quantitation Limit		

Waypoint ANALYTICAL

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 12/06/2016
Received : 11/4/2016

Report Number : **16-340-0326**

REPORT OF ANALYSIS

Nathan Pera, IV
Project Manager

Lab No : **93321**
Sample ID : **WT-B**

Matrix: **Aqueous**
Sampled: **11/3/2016 15:15**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Total Suspended Solids	6 H J	mg/L	2	1	12/05/16 15:20	KGL	2540D-2011

01/16/17

Qualifiers/ Definitions				
	DF	Dilution Factor	H	Beyond holding time
	MQL	Method Quantitation Limit		

Waypoint ANALYTICAL

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 12/06/2016
Received : 11/4/2016

Report Number : **16-340-0326**

REPORT OF ANALYSIS

Nathan Pera, IV
Project Manager

Lab No : **93322**
Sample ID : **WT-Overflow**

Matrix: **Aqueous**
Sampled: **11/3/2016 15:30**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Total Suspended Solids	130 H J	mg/L	10	1	12/05/16 15:20	KGL	2540D-2011

gaw
01/16/17

Qualifiers/ Definitions				
	DF	Dilution Factor	H	Beyond holding time
	MQL	Method Quantitation Limit		

Waypoint ANALYTICAL

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 12/06/2016
Received : 11/4/2016

Report Number : **16-340-0326**

REPORT OF ANALYSIS

Nathan Pera, IV
Project Manager

Lab No : **93323**
Sample ID : **WT-ST**

Matrix: **Aqueous**
Sampled: **11/3/2016 15:45**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Total Suspended Solids	3 ~~H~~ J	mg/L	2	1	12/05/16 15:20	KGL	2540D-2011

01/16/17

Qualifiers/ Definitions				
	DF	Dilution Factor	H	Beyond holding time
	MQL	Method Quantitation Limit		

DATA VALIDATION CHECKLIST – STAGE 2A

Site Name	Chromecraft Plating	**Project No.**	TT-01-061
Data Reviewer (signature and date)	Jessica A. Vickers January 16, 2017	**Laboratory/ Report No.**	Waypoint Analytical/16-340-0326
Analyses	Total Suspended Solids (TSS) by SM2540D-2011		
Samples	WT-A, WT-B, WT-Overflow, and WT-ST		

This checklist summarizes the Stage 2A validation performed on the subject laboratory report, in accordance with the U.S. Environmental Protection Agency (EPA) *Guidance for Labeling Externally Validated Laboratory Analytical Data for Superfund Use* (January 2009). Analytical data were evaluated in general accordance with the EPA *National Functional Guidelines (NFG) for Inorganic Superfund Data Review* (September 2016) data validation guidance document, as well as the above referenced method.

OVERALL EVALUATION:

No rejection of data was required for this data package. The data can be used with the qualifications indicated in this checklist.

Data completeness:

Within Criteria	Exceedance/Notes
Y	

Sample preservation, receipt, and holding times:

Within Criteria	Exceedance/Notes
N	TSS analysis was requested beyond the holding time – flag "J"

Method blanks:

Within Criteria	Exceedance/Notes
Y	

1955 Evergreen Blvd., Ste. 300, Duluth, GA 30096
Tel 678.775.3080 Fax 678.775.3138
www.tetratech.com

DATA VALIDATION CHECKLIST – STAGE 2A

Field blanks:

Within Criteria	Exceedance/Notes
NA	

System monitoring compounds (surrogates and labeled compounds):

Within Criteria	Exceedance/Notes
NA	

MS/MSD:

Within Criteria	Exceedance/Notes
NA	

Post Digestion Spikes:

Within Criteria	Exceedance/Notes
NA	

Laboratory duplicates:

Within Criteria	Exceedance/Notes
Y	

1955 Evergreen Blvd., Ste. 300, Duluth, GA 30096
Tel 678.775.3080 Fax 678.775.3138
www.tetratech.com

Field duplicates:

Within Criteria	Exceedance/Notes
NA	

LCSs/LCSDs:

Within Criteria	Exceedance/Notes
NA	

Sample dilutions:

Within Criteria	Exceedance/Notes
NA	

Re-extraction and reanalysis:

Within Criteria	Exceedance/Notes
NA	

MDLs/RLs:

Within Criteria	Exceedance/Notes
Y	

DATA VALIDATION CHECKLIST – STAGE 2A

Overall Qualifications:

See results summary pages attached for changes to the laboratory qualifiers based upon this validation. The following is a list of qualifiers and definitions that may be used for the validation of this data package:

J	The analyte was positively identified; the associated value is the approximate concentration of the analyte in the sample.
J+	The analyte was positively identified; the associated value is the approximate concentration of the analyte in the sample and may be biased high.
J-	The analyte was positively identified; the associated value is the approximate concentration of the analyte in the sample and may be biased low.
NJ	The analysis indicates the presence of an analyte that has been “tentatively identified” and the associated value is the approximate concentration of the analyte in the sample.
R	The sample result is rejected as unusable due to serious deficiencies in one or more quality control criteria. The analyte may or may not be present in the sample.
U	The analyte was analyzed for, but was not detected at or above the associated value (reporting limit).
UJ	The analyte was analyzed for, but was not detected at or above the associated value (reporting limit), which is considered approximate due to deficiencies in one or more quality control criteria.

1955 Evergreen Blvd., Ste. 300, Duluth, GA 30096
Tel 678.775.3080 Fax 678.775.3138
www.tetratech.com

Waypoint ANALYTICAL

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 12/06/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-340-0326**

REPORT OF ANALYSIS

Lab No : **93320**
Sample ID : **WT-A**

Matrix: **Aqueous**
Sampled: **11/3/2016 15:00**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Total Suspended Solids	5 H J	mg/L	2	1	12/05/16 15:20	KGL	2540D-2011

gaw
01/16/17

Qualifiers/ Definitions				
	DF	Dilution Factor	H	Beyond holding time
	MQL	Method Quantitation Limit		

Waypoint ANALYTICAL

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 12/06/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-340-0326**

REPORT OF ANALYSIS

Lab No : **93321**
Sample ID : **WT-B**

Matrix: **Aqueous**
Sampled: **11/3/2016 15:15**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Total Suspended Solids	6 H J	mg/L	2	1	12/05/16 15:20	KGL	2540D-2011

01/16/17

Qualifiers/ Definitions				
	DF	Dilution Factor	H	Beyond holding time
	MQL	Method Quantitation Limit		

Waypoint ANALYTICAL

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 12/06/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-340-0326**

REPORT OF ANALYSIS

Lab No : **93322**
Sample ID : **WT-Overflow**

Matrix: **Aqueous**
Sampled: **11/3/2016 15:30**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Total Suspended Solids	130 HJ	mg/L	10	1	12/05/16 15:20	KGL	2540D-2011

gaw
01/16/17

Qualifiers/ Definitions				
	DF	Dilution Factor	H	Beyond holding time
	MQL	Method Quantitation Limit		

Waypoint ANALYTICAL

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 12/06/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-340-0326**

REPORT OF ANALYSIS

Lab No : **93323**
Sample ID : **WT-ST**

Matrix: **Aqueous**
Sampled: **11/3/2016 15:45**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Total Suspended Solids	3 ~~H~~ J	mg/L	2	1	12/05/16 15:20	KGL	2540D-2011

01/16/17

Qualifiers/ Definitions				
	DF	Dilution Factor	H	Beyond holding time
	MQL	Method Quantitation Limit		

Waypoint ANALYTICAL

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 01/13/2017
Received : 12/21/2016

Randell H. Thomas

Randy Thomas
Project Manager

Report Number : **16-356-0209**

REPORT OF ANALYSIS

Lab No : **95401**
Sample ID : **V131220161400**

Matrix: **Solid**
Sampled: **12/20/2016 14:00**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
TCLP Metals Extraction	**Filtrate**			1	01/03/17 14:07	SAJ	SW-1311

Analytical Method: 6010C **Prep Batch(es):** **L316754** 01/04/17 08:25
Prep Method: 3005A

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Arsenic	<12.5	mg/L	12.5 U	100	01/12/17 23:10	JTR	L317836
TCLP Barium	<12.5	mg/L	12.5	100	01/12/17 23:10	JTR	L317836
TCLP Cadmium	<2.50	mg/L	2.50	100	01/12/17 23:10	JTR	L317836
TCLP Chromium	**113**	mg/L	5.00	100	01/13/17 12:32	CCR	L317919
TCLP Lead	<5.00	mg/L	5.00 U	100	01/13/17 12:32	CCR	L317919
TCLP Selenium	<25.0	mg/L	25.0	100	01/12/17 23:10	JTR	L317836
TCLP Silver	<2.50	mg/L	2.50	100	01/12/17 23:10	JTR	L317836

Analytical Method: 7470A **Prep Batch(es):** **L316757** 01/04/17 08:45
Prep Method: 7470A

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Mercury	<0.0200	mg/L	0.0200 U	1	01/04/17 12:04	KKM	L316838

gaw
01/16/17

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

Waypoint ANALYTICAL

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 01/13/2017
Received : 12/21/2016

Randell H. Thomas

Randy Thomas
Project Manager

Report Number : **16-356-0209**

REPORT OF ANALYSIS

Lab No : **95402**
Sample ID : **V131220161400**

Matrix: **Aqueous**
Sampled: **12/20/2016 14:00**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Acidity (as CaCO3)	**140000**	mg/L	100	1	12/30/16 10:44	DB2	2310B-2011
Alkalinity (as CaCO3)	<100	mg/L	100 U	1	01/03/17 10:29	DB2	2320B-2011
Cyanide, Amenable	<10.0	mg/L	10.0	1000	01/02/17 12:07	EWB	4500CNG-2011
Cyanide, Total	<10.0	mg/L	10.0	1000	12/31/16 12:30	EWB	4500CNE-2011
pH	**0.6**	s.u.		1	12/21/16 14:25	WRO	4500H+B-2011
Total Settleable Solids	**38.7**	mL/L	0.1	1	12/21/16 11:26	EWB	2540F-2011
Total Solids	**309000**	mg/L	38	1	12/23/16 13:25	GHD	2540B-2011
Total Suspended Solids	**41**	mg/L	2	1	12/21/16 13:10	KGL	2540D-2011
Sulfide	<25.0	mg/L	25.0 U	25	12/23/16 11:04	GHD	4500S2G-2011
Total Arsenic	<5.00	mg/L	5.00	100	01/12/17 22:10	JTR	EPA-200.7
Total Barium	<5.00	mg/L	5.00	100	01/12/17 22:10	JTR	EPA-200.7
Total Cadmium	<1.00	mg/L	1.00	100	01/12/17 22:10	JTR	EPA-200.7
Total Chromium	**85.3**	mg/L	2.50	100	01/13/17 13:28	CCR	EPA-200.7
Total Copper	**43.7**	mg/L	2.50	100	01/12/17 22:10	JTR	EPA-200.7
Total Lead	<3.00	mg/L	3.00 U	100	01/13/17 13:28	CCR	EPA-200.7
Mercury (Total)	<0.00020	mg/L	0.00020	1	12/23/16 15:38	KKM	EPA-245.1
Total Selenium	<5.00	mg/L	5.00	100	01/12/17 22:10	JTR	EPA-200.7
Total Silver	<2.50	mg/L	2.50	100	01/12/17 22:10	JTR	EPA-200.7
Total Sodium	**52700**	mg/L	250	100	01/12/17 22:10	JTR	EPA-200.7
Total Zinc	<5.00	mg/L	5.00 U	100	01/12/17 22:10	JTR	EPA-200.7
Sulfate	**293000**	mg/L	10000	10000	12/29/16 14:11	BKN	EPA-300.0
Sulfide (Reactivity)	<25.0	mg/L	25.0 U	1	12/23/16 11:04	GHD	SW-7.3.4

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

gaw
01/16/17

Waypoint ANALYTICAL

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 01/13/2017
Received : 12/21/2016

Randell H. Thomas

Randy Thomas
Project Manager

Report Number : **16-356-0209**

REPORT OF ANALYSIS

Lab No : **95403**
Sample ID : **V161220161500**

Matrix: **Solid**
Sampled: **12/20/2016 15:00**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
TCLP Metals Extraction	**Filtrate**			1	01/03/17 14:07	SAJ	SW-1311

Analytical Method: 6010C **Prep Batch(es):** **L316754** 01/04/17 08:25
Prep Method: 3005A

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Arsenic	<12.5	mg/L	12.5 U	100	01/11/17 00:54	JTR	L317712
TCLP Barium	<12.5	mg/L	12.5	100	01/11/17 00:54	JTR	L317712
TCLP Cadmium	<2.50	mg/L	2.50	100	01/11/17 00:54	JTR	L317712
TCLP Chromium	<5.00	mg/L	5.00	100	01/11/17 00:54	JTR	L317712
TCLP Lead	<5.00	mg/L	5.00	100	01/11/17 00:54	JTR	L317712
TCLP Selenium	<25.0	mg/L	25.0	100	01/11/17 00:54	JTR	L317712
TCLP Silver	<2.50	mg/L	2.50	100	01/11/17 00:54	JTR	L317712

Analytical Method: 7470A **Prep Batch(es):** **L316757** 01/04/17 08:45
Prep Method: 7470A

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Mercury	<0.0200	mg/L	0.0200 U	1	01/04/17 12:05	KKM	L316838

gaw
01/16/17

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

Waypoint ANALYTICAL

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 01/13/2017
Received : 12/21/2016

Randell H. Thomas

Randy Thomas
Project Manager

Report Number : **16-356-0209**

REPORT OF ANALYSIS

Lab No : **95404**
Sample ID : **V161220161500**

Matrix: **Aqueous**
Sampled: **12/20/2016 15:00**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Acidity (as CaCO3)	**22000**	mg/L	100	1	12/30/16 10:44	DB2	2310B-2011
Alkalinity (as CaCO3)	<100	mg/L	100 U	1	01/03/17 10:29	DB2	2320B-2011
Cyanide, Amenable	<10.0	mg/L	10.0	1000	01/02/17 12:07	EWB	4500CNG-2011
Cyanide, Total	<10.0	mg/L	10.0	1000	12/31/16 12:30	EWB	4500CNE-2011
pH	**3.1**	s.u.		1	12/21/16 14:25	WRO	4500H+B-2011
Total Settleable Solids	<0.1	mL/L	0.1 U	1	12/21/16 11:26	EWB	2540F-2011
Total Solids	**133000**	mg/L	40	1	12/23/16 13:25	GHD	2540B-2011
Total Suspended Solids	**28**	mg/L	2	1	12/21/16 13:10	KGL	2540D-2011
Sulfide	<25.0	mg/L	25.0 U	25	12/23/16 11:04	GHD	4500S2G-2011
Total Arsenic	<5.00	mg/L	5.00	100	01/11/17 00:58	JTR	EPA-200.7
Total Barium	<5.00	mg/L	5.00	100	01/11/17 00:58	JTR	EPA-200.7
Total Cadmium	<1.00	mg/L	1.00	100	01/12/17 22:15	JTR	EPA-200.7
Total Chromium	<2.50	mg/L	2.50	100	01/11/17 00:58	JTR	EPA-200.7
Total Copper	<2.50	mg/L	2.50	100	01/12/17 22:15	JTR	EPA-200.7
Total Lead	<3.00	mg/L	3.00	100	01/11/17 00:58	JTR	EPA-200.7
Mercury (Total)	<0.00200	mg/L	0.00200	10	12/23/16 14:00	KKM	EPA-245.1
Total Selenium	<5.00	mg/L	5.00	100	01/11/17 00:58	JTR	EPA-200.7
Total Silver	<2.50	mg/L	2.50	100	01/11/17 00:58	JTR	EPA-200.7
Total Sodium	**14300**	mg/L	250	100	01/11/17 00:58	JTR	EPA-200.7
Total Zinc	<5.00	mg/L	5.00 U	100	01/11/17 00:58	JTR	EPA-200.7
Sulfate	**59300**	mg/L	1000	1000	12/28/16 20:30	BKN	EPA-300.0
Sulfide (Reactivity)	<25.0	mg/L	25.0 U	1	12/23/16 11:04	GHD	SW-7.3.4

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

gaw
01/16/17

Waypoint ANALYTICAL

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 01/13/2017
Received : 12/21/2016

Randell H. Thomas

Randy Thomas
Project Manager

Report Number : **16-356-0209**

REPORT OF ANALYSIS

Lab No : **95405**
Sample ID : **V171220161515**

Matrix: **Solid**
Sampled: **12/20/2016 15:15**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
TCLP Metals Extraction	**Filtrate**			1	01/03/17 14:07	SAJ	SW-1311

Analytical Method: 6010C **Prep Batch(es):** **L316754** 01/04/17 08:25
Prep Method: 3005A

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Arsenic	~~<12.5~~	mg/L	12.5 U	100	01/13/17 12:37	CCR	L317919
TCLP Barium	~~<12.5~~	mg/L	12.5 U	100	01/13/17 12:37	CCR	L317919
TCLP Cadmium	**14.3**	mg/L	2.50	100	01/13/17 12:37	CCR	L317919
TCLP Chromium	~~<5.00~~	mg/L	5.00 U	100	01/13/17 12:37	CCR	L317919
TCLP Lead	<5.00	mg/L	5.00	100	01/13/17 12:37	CCR	L317919
TCLP Selenium	<25.0	mg/L	25.0	100	01/13/17 12:37	CCR	L317919
TCLP Silver	<2.50	mg/L	2.50	100	01/13/17 12:37	CCR	L317919

Analytical Method: 7470A **Prep Batch(es):** **L316757** 01/04/17 08:45
Prep Method: 7470A

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Mercury	~~<0.0200~~	mg/L	0.0200 U	1	01/04/17 12:10	KKM	L316838

01/16/17

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

Waypoint ANALYTICAL

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 01/13/2017
Received : 12/21/2016

Randall H. Thomas

Randy Thomas
Project Manager

Report Number : **16-356-0209**

REPORT OF ANALYSIS

Lab No : **95406**
Sample ID : **V171220161515**

Matrix: **Aqueous**
Sampled: **12/20/2016 15:15**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Acidity (as CaCO3)	**52000**	mg/L	100	1	12/30/16 10:44	DB2	2310B-2011
Alkalinity (as CaCO3)	**700**	mg/L	100	1	01/03/17 10:29	DB2	2320B-2011
Cyanide, Amenable	~~<10.0~~	mg/L	10.0 U	1000	01/02/17 12:07	EWB	4500CNG-2011
Cyanide, Total	~~<10.0~~	mg/L	10.0 U	1000	12/31/16 12:30	EWB	4500CNE-2011
pH	**4.5**	s.u.		1	12/21/16 14:25	WRO	4500H+B-2011
Total Settleable Solids	**1.4**	mL/L	0.1	1	12/21/16 11:26	EWB	2540F-2011
Total Solids	**447000**	mg/L	45	1	12/23/16 13:25	GHD	2540B-2011
Total Suspended Solids	**141**	mg/L	2	1	12/21/16 13:10	KGL	2540D-2011
Sulfide	~~<25.0~~	mg/L	25.0 U	25	12/23/16 11:04	GHD	4500S2G-2011
Total Arsenic	**5.15**	mg/L	5.00	100	01/13/17 13:33	CCR	EPA-200.7
Total Barium	~~<5.00~~	mg/L	5.00 U	100	01/13/17 13:33	CCR	EPA-200.7
Total Cadmium	**15.1**	mg/L	1.00	100	01/13/17 13:33	CCR	EPA-200.7
Total Chromium	~~<2.50~~	mg/L	2.50 U	100	01/13/17 13:33	CCR	EPA-200.7
Total Copper	**208**	mg/L	2.50	100	01/13/17 13:33	CCR	EPA-200.7
Total Lead	~~<3.00~~	mg/L	3.00 U	100	01/13/17 13:33	CCR	EPA-200.7
Mercury (Total)	~~<0.00200~~	mg/L	0.00200	10	12/23/16 14:02	KKM	EPA-245.1
Total Selenium	~~<5.00~~	mg/L	5.00	100	01/13/17 13:33	CCR	EPA-200.7
Total Silver	~~<2.50~~	mg/L	2.50	100	01/13/17 13:33	CCR	EPA-200.7
Total Sodium	**28000**	mg/L	250	100	01/13/17 13:33	CCR	EPA-200.7
Total Zinc	~~<5.00~~	mg/L	5.00 U	100	01/13/17 13:33	CCR	EPA-200.7
Sulfate	**146000**	mg/L	10000	10000	12/29/16 14:31	BKN	EPA-300.0
Sulfide (Reactivity)	~~<25.0~~	mg/L	25.0 U	1	12/23/16 11:04	GHD	SW-7.3.4

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

gas
01/16/17

Waypoint ANALYTICAL

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 01/13/2017
Received : 12/21/2016

Randell H. Thomas

Randy Thomas
Project Manager

Report Number : **16-356-0209**

REPORT OF ANALYSIS

Lab No : **95407**
Sample ID : **V221220161535**

Matrix: **Solid**
Sampled: **12/20/2016 15:35**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
TCLP Metals Extraction	**Filtrate**			1	01/03/17 14:07	SAJ	SW-1311

Analytical Method: 6010C **Prep Batch(es):** **L316957** 01/05/17 09:55
Prep Method: 3005A

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Arsenic	<125	mg/L	125 U	100	01/13/17 15:46	JTR	L317944
TCLP Barium	<125	mg/L	125	100	01/13/17 15:46	JTR	L317944
TCLP Cadmium	<25.0	mg/L	25.0	100	01/13/17 15:46	JTR	L317944
TCLP Chromium	<50.0	mg/L	50.0	100	01/13/17 15:46	JTR	L317944
TCLP Lead	<50.0	mg/L	50.0	100	01/13/17 15:46	JTR	L317944
TCLP Selenium	<250	mg/L	250	100	01/13/17 15:46	JTR	L317944
TCLP Silver	<25.0	mg/L	25.0	100	01/13/17 15:46	JTR	L317944

Analytical Method: 7470A **Prep Batch(es):** **L316757** 01/04/17 08:45
Prep Method: 7470A

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Mercury	<0.0200	mg/L	0.0200 U	1	01/04/17 12:11	KKM	L316838

01/16/17

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

Waypoint ANALYTICAL

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 01/13/2017
Received : 12/21/2016

Randell H. Thomas

Randy Thomas
Project Manager

Report Number : **16-356-0209**

REPORT OF ANALYSIS

Lab No : **95408**
Sample ID : **V221220161535**

Matrix: **Aqueous**
Sampled: **12/20/2016 15:35**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Acidity (as CaCO3)	<100	mg/L	100 U	1	12/30/16 10:44	DB2	2310B-2011
Alkalinity (as CaCO3)	**106000**	mg/L	100	1	01/03/17 10:29	DB2	2320B-2011
Cyanide, Amenable	**180000**	mg/L	250	25000	01/02/17 12:07	EWB	4500CNG-2011
Cyanide, Total	**182000**	mg/L	5000	500000	12/31/16 12:30	EWB	4500CNE-2011
pH	**9.6**	s.u.		1	12/21/16 14:25	WRO	4500H+B-2011
Total Settleable Solids	**13.1**	mL/L	0.1	1	12/21/16 11:26	EWB	2540F-2011
Total Solids	**364000** J	mg/L	31	1	12/23/16 13:25	GHD	2540B-2011
Total Suspended Solids	**589**	mg/L	2	1	12/21/16 13:30	KGL	2540D-2011
Sulfide	<25.0	mg/L	25.0 U	25	12/23/16 11:04	GHD	4500S2G-2011
Total Arsenic	<50.0	mg/L	50.0	100	01/12/17 22:24	JTR	EPA-200.7
Total Barium	<50.0	mg/L	50.0	100	01/12/17 22:24	JTR	EPA-200.7
Total Cadmium	<10.0	mg/L	10.0	100	01/12/17 22:24	JTR	EPA-200.7
Total Chromium	**34.5**	mg/L	25.0	100	01/12/17 22:24	JTR	EPA-200.7
Total Copper	**59100**	mg/L	25.0	100	01/12/17 22:24	JTR	EPA-200.7
Total Lead	<30.0	mg/L	30.0 U	100	01/13/17 13:57	CCR	EPA-200.7
Mercury (Total)	**0.0110**	mg/L	0.0100	1	12/23/16 14:04	KKM	EPA-245.1
Total Selenium	<50.0	mg/L	50.0 U	100	01/12/17 22:24	JTR	EPA-200.7
Total Silver	<25.0	mg/L	25.0 U	100	01/12/17 22:24	JTR	EPA-200.7
Total Sodium	**82600**	mg/L	2500	100	01/12/17 22:24	JTR	EPA-200.7
Total Zinc	**2680**	mg/L	50.0	100	01/12/17 22:24	JTR	EPA-200.7
Sulfate	**5060**	mg/L	100	100	12/28/16 11:56	BKN	EPA-300.0
Sulfide (Reactivity)	<25.0	mg/L	25.0 U	1	12/23/16 11:04	GHD	SW-7.3.4

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

01/16/17

Waypoint ANALYTICAL

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 01/13/2017
Received : 12/21/2016

Randell H. Thomas

Randy Thomas
Project Manager

Report Number : **16-356-0209**

REPORT OF ANALYSIS

Lab No : **95399**
Sample ID : **V311220161338**

Matrix: **Solid**
Sampled: **12/20/2016 13:38**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
TCLP Metals Extraction	**Filtrate**			1	01/03/17 14:07	SAJ	SW-1311

Analytical Method: 6010C **Prep Batch(es):** **L316754** 01/04/17 08:25
Prep Method: 3005A

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Arsenic	**15.3**	mg/L	12.5	100	01/13/17 12:41	CCR	L317919
TCLP Barium	~~<12.5~~	mg/L	12.5 U	100	01/12/17 23:05	JTR	L317836
TCLP Cadmium	~~<2.50~~	mg/L	2.50 U	100	01/12/17 23:05	JTR	L317836
TCLP Chromium	**149000**	mg/L	50.0	1000	01/13/17 12:51	CCR	L317919
TCLP Lead	**42.7**	mg/L	5.00	100	01/13/17 12:41	CCR	L317919
TCLP Selenium	~~<25.0~~	mg/L	25.0 U	100	01/12/17 23:05	JTR	L317836
TCLP Silver	~~<2.50~~	mg/L	2.50 U	100	01/12/17 23:05	JTR	L317836

Analytical Method: 7470A **Prep Batch(es):** **L316757** 01/04/17 08:45
Prep Method: 7470A

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Mercury	**0.296**	mg/L	0.200	10	01/04/17 12:02	KKM	L316838

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

01/16/17

Waypoint ANALYTICAL

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 01/13/2017
Received : 12/21/2016

Randell H. Thomas

Randy Thomas
Project Manager

Report Number : **16-356-0209**

REPORT OF ANALYSIS

Lab No : **95400**
Sample ID : **V311220161338**

Matrix: **Aqueous**
Sampled: **12/20/2016 13:38**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Acidity (as CaCO3)	**325000**	mg/L	100	1	12/30/16 10:44	DB2	2310B-2011
Alkalinity (as CaCO3)	~~<100~~	mg/L	100 U	1	01/03/17 10:29	DB2	2320B-2011
Cyanide, Amenable	**12.4**	mg/L	10.0	1000	01/02/17 12:07	EWB	4500CNG-2011
Cyanide, Total	**15.5**	mg/L	10.0	1000	12/31/16 12:30	EWB	4500CNE-2011
pH	**0.6**	s.u.		1	12/21/16 14:25	WRO	4500H+B-2011
Total Settleable Solids	~~<0.1~~	mL/L	0.1 U	1	12/21/16 11:26	EWB	2540F-2011
Total Solids	**336000**	mg/L	47	1	12/23/16 13:25	GHD	2540B-2011
Total Suspended Solids	**24**	mg/L	2	1	12/21/16 13:10	KGL	2540D-2011
Sulfide	~~<25.0~~	mg/L	25.0 U	25	12/23/16 11:04	GHD	4500S2G-2011
Total Arsenic	**16.2**	mg/L	5.00	100	01/13/17 13:38	CCR	EPA-200.7
Total Barium	**7.95**	mg/L	5.00	100	01/12/17 22:05	JTR	EPA-200.7
Total Cadmium	~~<1.00~~	mg/L	1.00 U	100	01/12/17 22:05	JTR	EPA-200.7
Total Chromium	**152000**	mg/L	25.0	1000	01/13/17 13:47	CCR	EPA-200.7
Total Copper	**1400**	mg/L	2.50	100	01/12/17 22:05	JTR	EPA-200.7
Total Lead	**42.3**	mg/L	3.00	100	01/13/17 13:38	CCR	EPA-200.7
Mercury (Total)	**0.605**	mg/L	0.100	500	12/23/16 15:50	KKM	EPA-245.1
Total Selenium	~~<5.00~~	mg/L	5.00 U	100	01/12/17 22:05	JTR	EPA-200.7
Total Silver	~~<2.50~~	mg/L	2.50 U	100	01/12/17 22:05	JTR	EPA-200.7
Total Sodium	**2020**	mg/L	250	100	01/12/17 22:05	JTR	EPA-200.7
Total Zinc	~~<5.00~~	mg/L	5.00 U	100	01/12/17 22:05	JTR	EPA-200.7
Sulfate	**3780**	mg/L	100	100	12/28/16 10:46	BKN	EPA-300.0
Sulfide (Reactivity)	~~<25.0~~	mg/L	25.0 U	1	12/23/16 11:04	GHD	SW-7.3.4

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

01/16/17

DATA VALIDATION CHECKLIST – STAGE 2A

Site Name	Chromecraft Plating	**Project No.**	TT-01-061
Data Reviewer (signature and date)	Jessica A. Vickers January 16, 2017	**Laboratory/ Report No.**	Waypoint Analytical/16-356-0209
Analyses	Metals by EPA 200.7 and EPA 245.1, toxicity characteristic leaching procedure (TCLP) metals by SW1311/6010C and SW1311/7470A, acidity by SM2310B-2011, alkalinity by SM2320B-2011, amenable cyanide by SM4500CNG-2011, total cyanide by SM4500CNE-2011, pH by SM4500H+B-2011, sulfate by EPA 300.0, reactive sulfide by SW-846 Chapter 7.3.4, sulfide by SM4500S2G-2011, total settleable solids by SM2540F-2011, total solids by SM2540B-2011, and total suspended solids by SM2450D-2011		
Samples	V131220161400, V161220161500, V171220161515, V221220161535, and V311220161338		

This checklist summarizes the Stage 2A validation performed on the subject laboratory report, in accordance with the U.S. Environmental Protection Agency (EPA) *Guidance for Labeling Externally Validated Laboratory Analytical Data for Superfund Use* (January 2009). Analytical data were evaluated in general accordance with the EPA *National Functional Guidelines (NFG) for Inorganic Superfund Data Review* (September 2016) data validation guidance document, as well as the above referenced methods.

OVERALL EVALUATION:

No rejection of data was required for this data package. The data can be used with the qualifications indicated in this checklist.

Data completeness:

Within Criteria	Exceedance/Notes
Y	

Sample preservation, receipt, and holding times:

Within Criteria	Exceedance/Notes
Y	

1955 Evergreen Blvd., Ste. 300, Duluth, GA 30096
Tel 678.775.3080 Fax 678.775.3138
www.tetratech.com

DATA VALIDATION CHECKLIST – STAGE 2A

Method blanks:

Within Criteria	Exceedance/Notes
Y	

Field blanks:

Within Criteria	Exceedance/Notes
NA	

System monitoring compounds (surrogates and labeled compounds):

Within Criteria	Exceedance/Notes
NA	

MS/MSD:

Within Criteria	Exceedance/Notes
Y	MS/MSDs performed on non-project samples were not evaluated.

Post Digestion Spikes:

Within Criteria	Exceedance/Notes
Y	Post digestion spikes performed on non-project samples were not evaluated.

1955 Evergreen Blvd., Ste. 300, Duluth, GA 30096
Tel 678.775.3080 Fax 678.775.3138
www.tetratech.com

Laboratory duplicates:

Within Criteria	Exceedance/Notes
N	Laboratory duplicates performed on non-project samples were not evaluated. V221220161535: high RPD for total solids – flag "J"

Field duplicates:

Within Criteria	Exceedance/Notes
NA	

LCSs/LCSDs:

Within Criteria	Exceedance/Notes
Y	

1955 Evergreen Blvd., Ste. 300, Duluth, GA 30096
Tel 678.775.3080 Fax 678.775.3138
www.tetratech.com

Sample dilutions:

Within Criteria	Exceedance/Notes
Y	10x: mercury for V161220161500 and V171220161515 10x: TCLP mercury for V311220161338 25x: sulfide for V131220161400, V161220161500, V171220161515, V221220161535, and V311220161338 100x: metals except chromium and mercury, TCLP metals except chromium and mercury, and sulfate for V311220161338 100x: metals except mercury and TCLP metals except mercury for V131220161400, V161220161500, V171220161515, and V221220161535 500x: mercury for V311220161338 1,000x: amenable cyanide and total cyanide for V131220161400 and V171220161515 1,000x: amenable cyanide, total cyanide, and sulfate for V161220161500 1,000x: chromium, TCLP chromium, amenable cyanide, and total cyanide for V311220161338 10,000x: sulfate for V131220161400 and V171220161515 25,000x: amenable cyanide for V221220161535 500,000x: total cyanide for V221220161535

Re-extraction and reanalysis:

Within Criteria	Exceedance/Notes
NA	

1955 Evergreen Blvd., Ste. 300, Duluth, GA 30096
Tel 678.775.3080 Fax 678.775.3138
www.tetratech.com

DATA VALIDATION CHECKLIST – STAGE 2A

MDLs/RLs:

Within Criteria	Exceedance/Notes
Y	

Overall Qualifications:

See results summary pages attached for changes to the laboratory qualifiers based upon this validation. The following is a list of qualifiers and definitions that may be used for the validation of this data package:

J	The analyte was positively identified; the associated value is the approximate concentration of the analyte in the sample.
J+	The analyte was positively identified; the associated value is the approximate concentration of the analyte in the sample and may be biased high.
J-	The analyte was positively identified; the associated value is the approximate concentration of the analyte in the sample and may be biased low.
NJ	The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated value is the approximate concentration of the analyte in the sample.
R	The sample result is rejected as unusable due to serious deficiencies in one or more quality control criteria. The analyte may or may not be present in the sample.
U	The analyte was analyzed for, but was not detected at or above the associated value (reporting limit).
UJ	The analyte was analyzed for, but was not detected at or above the associated value (reporting limit), which is considered approximate due to deficiencies in one or more quality control criteria.

1955 Evergreen Blvd., Ste. 300, Duluth, GA 30096
Tel 678.775.3080 Fax 678.775.3138
www.tetratech.com

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 01/13/2017
Received : 12/21/2016

Randell H. Thomas
Randy Thomas
Project Manager

Report Number : **16-356-0209**

REPORT OF ANALYSIS

Lab No : **95401**
Sample ID : **V131220161400**

Matrix: **Solid**
Sampled: **12/20/2016 14:00**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
TCLP Metals Extraction	**Filtrate**			1	01/03/17 14:07	SAJ	SW-1311

Analytical Method: 6010C **Prep Batch(es):** **L316754** 01/04/17 08:25
Prep Method: 3005A

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Arsenic	~~<12.5~~	mg/L	12.5 U	100	01/12/17 23:10	JTR	L317836
TCLP Barium	~~<12.5~~	mg/L	12.5	100	01/12/17 23:10	JTR	L317836
TCLP Cadmium	~~<2.50~~	mg/L	2.50	100	01/12/17 23:10	JTR	L317836
TCLP Chromium	**113**	mg/L	5.00	100	01/13/17 12:32	CCR	L317919
TCLP Lead	~~<5.00~~	mg/L	5.00 U	100	01/13/17 12:32	CCR	L317919
TCLP Selenium	~~<25.0~~	mg/L	25.0	100	01/12/17 23:10	JTR	L317836
TCLP Silver	~~<2.50~~	mg/L	2.50	100	01/12/17 23:10	JTR	L317836

Analytical Method: 7470A **Prep Batch(es):** **L316757** 01/04/17 08:45
Prep Method: 7470A

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Mercury	~~<0.0200~~	mg/L	0.0200 U	1	01/04/17 12:04	KKM	L316838

gaw
01/16/17

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

Waypoint ANALYTICAL

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 01/13/2017
Received : 12/21/2016

Randell H. Thomas

Randy Thomas
Project Manager

Report Number : **16-356-0209**

REPORT OF ANALYSIS

Lab No : **95402**
Sample ID : **V131220161400**

Matrix: **Aqueous**
Sampled: **12/20/2016 14:00**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Acidity (as CaCO3)	**140000**	mg/L	100	1	12/30/16 10:44	DB2	2310B-2011
Alkalinity (as CaCO3)	~~<100~~	mg/L	100 U	1	01/03/17 10:29	DB2	2320B-2011
Cyanide, Amenable	~~<10.0~~	mg/L	10.0	1000	01/02/17 12:07	EWB	4500CNG-2011
Cyanide, Total	~~<10.0~~	mg/L	10 0	1000	12/31/16 12:30	EWB	4500CNE-2011
pH	**0.6**	s.u.		1	12/21/16 14:25	WRO	4500H+B-2011
Total Settleable Solids	**38.7**	mL/L	0.1	1	12/21/16 11:26	EWB	2540F-2011
Total Solids	**309000**	mg/L	38	1	12/23/16 13:25	GHD	2540B-2011
Total Suspended Solids	**41**	mg/L	2	1	12/21/16 13:10	KGL	2540D-2011
Sulfide	~~<25.0~~	mg/L	25.0 U	25	12/23/16 11:04	GHD	4500S2G-2011
Total Arsenic	~~<5.00~~	mg/L	5 00	100	01/12/17 22:10	JTR	EPA-200.7
Total Barium	~~<5.00~~	mg/L	5 00	100	01/12/17 22:10	JTR	EPA-200.7
Total Cadmium	~~<1.00~~	mg/L	1 00	100	01/12/17 22:10	JTR	EPA-200.7
Total Chromium	**85.3**	mg/L	2.50	100	01/13/17 13:28	CCR	EPA-200.7
Total Copper	**43.7**	mg/L	2.50	100	01/12/17 22:10	JTR	EPA-200.7
Total Lead	~~<3.00~~	mg/L	3.00 U	100	01/13/17 13:28	CCR	EPA-200.7
Mercury (Total)	~~<0.00020~~	mg/L	0.00020	1	12/23/16 15:38	KKM	EPA-245.1
Total Selenium	~~<5.00~~	mg/L	5.00	100	01/12/17 22:10	JTR	EPA-200.7
Total Silver	~~<2.50~~	mg/L	2.50	100	01/12/17 22:10	JTR	EPA-200.7
Total Sodium	**52700**	mg/L	250	100	01/12/17 22:10	JTR	EPA-200.7
Total Zinc	~~<5.00~~	mg/L	5.00 U	100	01/12/17 22:10	JTR	EPA-200.7
Sulfate	**293000**	mg/L	10000	10000	12/29/16 14:11	BKN	EPA-300.0
Sulfide (Reactivity)	~~<25.0~~	mg/L	25.0 U	1	12/23/16 11:04	GHD	SW-7.3.4

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

JAW
01/16/17

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 01/13/2017
Received : 12/21/2016

Randell H. Thomas
Randy Thomas
Project Manager

Report Number : **16-356-0209**

REPORT OF ANALYSIS

Lab No : **95403**
Sample ID : **V161220161500**

Matrix: **Solid**
Sampled: **12/20/2016 15:00**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
TCLP Metals Extraction	**Filtrate**			1	01/03/17 14:07	SAJ	SW-1311

Analytical Method: 6010C **Prep Batch(es):** **L316754** 01/04/17 08:25
Prep Method: 3005A

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Arsenic	~~<12.5~~	mg/L	12.5 U	100	01/11/17 00:54	JTR	L317712
TCLP Barium	~~<12.5~~	mg/L	12.5	100	01/11/17 00:54	JTR	L317712
TCLP Cadmium	~~<2.50~~	mg/L	2.50	100	01/11/17 00:54	JTR	L317712
TCLP Chromium	~~<5.00~~	mg/L	5.00	100	01/11/17 00:54	JTR	L317712
TCLP Lead	~~<5.00~~	mg/L	5.00	100	01/11/17 00:54	JTR	L317712
TCLP Selenium	~~<25.0~~	mg/L	25.0	100	01/11/17 00:54	JTR	L317712
TCLP Silver	~~<2.50~~	mg/L	2.50	100	01/11/17 00:54	JTR	L317712

Analytical Method: 7470A **Prep Batch(es):** **L316757** 01/04/17 08:45
Prep Method: 7470A

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Mercury	~~<0.0200~~	mg/L	0 0200 U	1	01/04/17 12:05	KKM	L316838

gw
01/16/17

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

Waypoint ANALYTICAL

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 01/13/2017
Received : 12/21/2016

Randell H. Thomas

Randy Thomas
Project Manager

Report Number : **16-356-0209**

REPORT OF ANALYSIS

Lab No : **95404**
Sample ID : **V161220161500**

Matrix: **Aqueous**
Sampled: **12/20/2016 15:00**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Acidity (as CaCO3)	**22000**	mg/L	100	1	12/30/16 10:44	DB2	2310B-2011
Alkalinity (as CaCO3)	~~<100~~	mg/L	100 U	1	01/03/17 10:29	DB2	2320B-2011
Cyanide, Amenable	<10.0	mg/L	10.0	1000	01/02/17 12:07	EWB	4500CNG-2011
Cyanide, Total	<10.0	mg/L	10.0	1000	12/31/16 12:30	EWB	4500CNE-2011
pH	**3.1**	s.u.		1	12/21/16 14:25	WRO	4500H+B-2011
Total Settleable Solids	~~<0.1~~	mL/L	0.1 U	1	12/21/16 11:26	EWB	2540F-2011
Total Solids	**133000**	mg/L	40	1	12/23/16 13:25	GHD	2540B-2011
Total Suspended Solids	**28**	mg/L	2	1	12/21/16 13:10	KGL	2540D-2011
Sulfide	~~<25.0~~	mg/L	25.0 U	25	12/23/16 11:04	GHD	4500S2G-2011
Total Arsenic	<5.00	mg/L	5.00	100	01/11/17 00:58	JTR	EPA-200.7
Total Barium	<5.00	mg/L	5.00	100	01/11/17 00:58	JTR	EPA-200.7
Total Cadmium	<1.00	mg/L	1.00	100	01/12/17 22:15	JTR	EPA-200.7
Total Chromium	<2.50	mg/L	2.50	100	01/11/17 00:58	JTR	EPA-200.7
Total Copper	<2.50	mg/L	2.50	100	01/12/17 22:15	JTR	EPA-200.7
Total Lead	<3.00	mg/L	3.00	100	01/11/17 00:58	JTR	EPA-200.7
Mercury (Total)	~~<0.00200~~	mg/L	0.00200	10	12/23/16 14:00	KKM	EPA-245.1
Total Selenium	<5.00	mg/L	5.00	100	01/11/17 00:58	JTR	EPA-200.7
Total Silver	<2.50	mg/L	2.50	100	01/11/17 00:58	JTR	EPA-200.7
Total Sodium	**14300**	mg/L	250	100	01/11/17 00:58	JTR	EPA-200.7
Total Zinc	~~<5.00~~	mg/L	5.00 U	100	01/11/17 00:58	JTR	EPA-200.7
Sulfate	**59300**	mg/L	1000	1000	12/28/16 20:30	BKN	EPA-300.0
Sulfide (Reactivity)	~~<25.0~~	mg/L	25.0 U	1	12/23/16 11:04	GHD	SW-7.3.4

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

gaw
01/16/17

Waypoint ANALYTICAL

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 01/13/2017
Received : 12/21/2016

Randell H. Thomas

Randy Thomas
Project Manager

Report Number : **16-356-0209**

REPORT OF ANALYSIS

Lab No : **95405**
Sample ID : **V171220161515**

Matrix: **Solid**
Sampled: **12/20/2016 15:15**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
TCLP Metals Extraction	**Filtrate**			1	01/03/17 14:07	SAJ	SW-1311

Analytical Method: 6010C **Prep Batch(es):** **L316754** 01/04/17 08:25
Prep Method: 3005A

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Arsenic	~~<12.5~~	mg/L	12.5 U	100	01/13/17 12:37	CCR	L317919
TCLP Barium	~~<12.5~~	mg/L	12.5 U	100	01/13/17 12:37	CCR	L317919
TCLP Cadmium	**14 3**	mg/L	2.50	100	01/13/17 12:37	CCR	L317919
TCLP Chromium	~~<5.00~~	mg/L	5 00 U	100	01/13/17 12:37	CCR	L317919
TCLP Lead	<5.00	mg/L	5 00	100	01/13/17 12:37	CCR	L317919
TCLP Selenium	<25.0	mg/L	25.0	100	01/13/17 12:37	CCR	L317919
TCLP Silver	<2.50	mg/L	2 50	100	01/13/17 12:37	CCR	L317919

Analytical Method: 7470A **Prep Batch(es):** **L316757** 01/04/17 08:45
Prep Method: 7470A

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Mercury	~~<0.0200~~	mg/L	0 0200 U	1	01/04/17 12:10	KKM	L316838

01/16/17

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

Waypoint ANALYTICAL

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 01/13/2017
Received : 12/21/2016

Randell H. Thomas

Randy Thomas
Project Manager

Report Number : **16-356-0209**

REPORT OF ANALYSIS

Lab No : **95406**
Sample ID : **V171220161515**

Matrix: **Aqueous**
Sampled: **12/20/2016 15:15**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Acidity (as CaCO3)	**52000**	mg/L	100	1	12/30/16 10:44	DB2	2310B-2011
Alkalinity (as CaCO3)	**700**	mg/L	100	1	01/03/17 10:29	DB2	2320B-2011
Cyanide, Amenable	~~<10.0~~	mg/L	10.0 U	1000	01/02/17 12:07	EWB	4500CNG-2011
Cyanide, Total	~~<10.0~~	mg/L	10.0 U	1000	12/31/16 12:30	EWB	4500CNE-2011
pH	**4.5**	s.u.		1	12/21/16 14:25	WRO	4500H+B-2011
Total Settleable Solids	**1.4**	mL/L	0.1	1	12/21/16 11:26	EWB	2540F-2011
Total Solids	**447000**	mg/L	45	1	12/23/16 13:25	GHD	2540B-2011
Total Suspended Solids	**141**	mg/L	2	1	12/21/16 13:10	KGL	2540D-2011
Sulfide	~~<25.0~~	mg/L	25.0 U	25	12/23/16 11:04	GHD	4500S2G-2011
Total Arsenic	**5.15**	mg/L	5.00	100	01/13/17 13:33	CCR	EPA-200.7
Total Barium	~~<5.00~~	mg/L	5.00 U	100	01/13/17 13:33	CCR	EPA-200.7
Total Cadmium	**15.1**	mg/L	1.00	100	01/13/17 13:33	CCR	EPA-200.7
Total Chromium	~~<2.50~~	mg/L	2 50 U	100	01/13/17 13:33	CCR	EPA-200.7
Total Copper	**208**	mg/L	2.50	100	01/13/17 13:33	CCR	EPA-200.7
Total Lead	~~<3.00~~	mg/L	3.00 U	100	01/13/17 13:33	CCR	EPA-200.7
Mercury (Total)	~~<0.00200~~	mg/L	0.00200	10	12/23/16 14:02	KKM	EPA-245.1
Total Selenium	~~<5.00~~	mg/L	5.00	100	01/13/17 13:33	CCR	EPA-200.7
Total Silver	~~<2.50~~	mg/L	2.50	100	01/13/17 13:33	CCR	EPA-200.7
Total Sodium	**28000**	mg/L	250	100	01/13/17 13:33	CCR	EPA-200.7
Total Zinc	~~<5.00~~	mg/L	5 00 U	100	01/13/17 13:33	CCR	EPA-200.7
Sulfate	**146000**	mg/L	10000	10000	12/29/16 14:31	BKN	EPA-300.0
Sulfide (Reactivity)	~~<25 0~~	mg/L	25.0 U	1	12/23/16 11:04	GHD	SW-7.3.4

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

gas
01/16/17

Waypoint ANALYTICAL

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 01/13/2017
Received : 12/21/2016

Randell H. Thomas

Randy Thomas
Project Manager

Report Number : **16-356-0209**

REPORT OF ANALYSIS

Lab No : **95407**
Sample ID : **V221220161535**

Matrix: **Solid**
Sampled: **12/20/2016 15:35**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
TCLP Metals Extraction	**Filtrate**			1	01/03/17 14:07	SAJ	SW-1311

Analytical Method: 6010C **Prep Batch(es):** **L316957** 01/05/17 09:55
Prep Method: 3005A

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Arsenic	<125	mg/L	125 U	100	01/13/17 15:46	JTR	L317944
TCLP Barium	<125	mg/L	125	100	01/13/17 15:46	JTR	L317944
TCLP Cadmium	<25.0	mg/L	25.0	100	01/13/17 15:46	JTR	L317944
TCLP Chromium	<50.0	mg/L	50.0	100	01/13/17 15:46	JTR	L317944
TCLP Lead	<50.0	mg/L	50.0	100	01/13/17 15:46	JTR	L317944
TCLP Selenium	<250	mg/L	250	100	01/13/17 15:46	JTR	L317944
TCLP Silver	<25.0	mg/L	25.0	100	01/13/17 15:46	JTR	L317944

Analytical Method: 7470A **Prep Batch(es):** **L316757** 01/04/17 08:45
Prep Method: 7470A

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Mercury	<0.0200	mg/L	0.0200 U	1	01/04/17 12:11	KKM	L316838

01/16/17

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

Waypoint ANALYTICAL

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 01/13/2017
Received : 12/21/2016

Randell H. Thomas

Randy Thomas
Project Manager

Report Number : **16-356-0209**

REPORT OF ANALYSIS

Lab No : **95408**
Sample ID : **V221220161535**

Matrix: **Aqueous**
Sampled: **12/20/2016 15:35**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Acidity (as CaCO3)	~~<100~~	mg/L	100 U	1	12/30/16 10:44	DB2	2310B-2011
Alkalinity (as CaCO3)	**106000**	mg/L	100	1	01/03/17 10:29	DB2	2320B-2011
Cyanide, Amenable	**180000**	mg/L	250	25000	01/02/17 12:07	EWB	4500CNG-2011
Cyanide, Total	**182000**	mg/L	5000	500000	12/31/16 12:30	EWB	4500CNE-2011
pH	**9.6**	s.u.		1	12/21/16 14:25	WRO	4500H+B-2011
Total Settleable Solids	**13.1**	mL/L	0.1	1	12/21/16 11:26	EWB	2540F-2011
Total Solids	**364000** J	mg/L	31	1	12/23/16 13:25	GHD	2540B-2011
Total Suspended Solids	**589**	mg/L	2	1	12/21/16 13:30	KGL	2540D-2011
Sulfide	~~<25.0~~	mg/L	25.0 U	25	12/23/16 11:04	GHD	4500S2G-2011
Total Arsenic	~~<50.0~~	mg/L	50.0	100	01/12/17 22:24	JTR	EPA-200.7
Total Barium	~~<50.0~~	mg/L	50.0	100	01/12/17 22:24	JTR	EPA-200.7
Total Cadmium	~~<10.0~~	mg/L	10 0	100	01/12/17 22:24	JTR	EPA-200.7
Total Chromium	**34.5**	mg/L	25.0	100	01/12/17 22:24	JTR	EPA-200.7
Total Copper	**59100**	mg/L	25.0	100	01/12/17 22:24	JTR	EPA-200.7
Total Lead	~~<30.0~~	mg/L	30.0 U	100	01/13/17 13:57	CCR	EPA-200.7
Mercury (Total)	**0.0110**	mg/L	0.0100	1	12/23/16 14:04	KKM	EPA-245.1
Total Selenium	~~<50.0~~	mg/L	50.0 U	100	01/12/17 22:24	JTR	EPA-200.7
Total Silver	~~<25.0~~	mg/L	25.0 U	100	01/12/17 22:24	JTR	EPA-200.7
Total Sodium	**82600**	mg/L	2500	100	01/12/17 22:24	JTR	EPA-200.7
Total Zinc	**2680**	mg/L	50.0	100	01/12/17 22:24	JTR	EPA-200.7
Sulfate	**5060**	mg/L	100	100	12/28/16 11:56	BKN	EPA-300.0
Sulfide (Reactivity)	~~<25.0~~	mg/L	25.0 U	1	12/23/16 11:04	GHD	SW-7.3.4

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

01/16/17

Waypoint ANALYTICAL

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 01/13/2017
Received : 12/21/2016

Randell H. Thomas

Randy Thomas
Project Manager

Report Number : **16-356-0209**

REPORT OF ANALYSIS

Lab No : **95399**
Sample ID : **V311220161338**

Matrix: **Solid**
Sampled: **12/20/2016 13:38**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
TCLP Metals Extraction	**Filtrate**			1	01/03/17 14:07	SAJ	SW-1311

Analytical Method: 6010C **Prep Batch(es):** **L316754** 01/04/17 08:25
Prep Method: 3005A

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Arsenic	**15.3**	mg/L	12.5	100	01/13/17 12:41	CCR	L317919
TCLP Barium	~~<12.5~~	mg/L	12.5 U	100	01/12/17 23:05	JTR	L317836
TCLP Cadmium	~~<2.50~~	mg/L	2.50 U	100	01/12/17 23:05	JTR	L317836
TCLP Chromium	**149000**	mg/L	50.0	1000	01/13/17 12:51	CCR	L317919
TCLP Lead	**42.7**	mg/L	5.00	100	01/13/17 12:41	CCR	L317919
TCLP Selenium	~~<25.0~~	mg/L	25.0 U	100	01/12/17 23:05	JTR	L317836
TCLP Silver	~~<2.50~~	mg/L	2.50 U	100	01/12/17 23:05	JTR	L317836

Analytical Method: 7470A **Prep Batch(es):** **L316757** 01/04/17 08:45
Prep Method: 7470A

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Mercury	**0.296**	mg/L	0.200	10	01/04/17 12:02	KKM	L316838

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

01/16/17

Waypoint ANALYTICAL

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 01/13/2017
Received : 12/21/2016

Randell H. Thomas

Randy Thomas
Project Manager

Report Number : **16-356-0209**

REPORT OF ANALYSIS

Lab No : **95400**
Sample ID : **V311220161338**

Matrix: **Aqueous**
Sampled: **12/20/2016 13:38**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Acidity (as CaCO3)	**325000**	mg/L	100	1	12/30/16 10:44	DB2	2310B-2011
Alkalinity (as CaCO3)	~~<100~~	mg/L	100 U	1	01/03/17 10:29	DB2	2320B-2011
Cyanide, Amenable	**12 4**	mg/L	10.0	1000	01/02/17 12:07	EWB	4500CNG-2011
Cyanide, Total	**15 5**	mg/L	10.0	1000	12/31/16 12:30	EWB	4500CNE-2011
pH	**0.6**	s.u.		1	12/21/16 14:25	WRO	4500H+B-2011
Total Settleable Solids	~~<0.1~~	mL/L	0.1 U	1	12/21/16 11:26	EWB	2540F-2011
Total Solids	**336000**	mg/L	47	1	12/23/16 13:25	GHD	2540B-2011
Total Suspended Solids	**24**	mg/L	2	1	12/21/16 13:10	KGL	2540D-2011
Sulfide	~~<25.0~~	mg/L	25.0 U	25	12/23/16 11:04	GHD	4500S2G-2011
Total Arsenic	**16.2**	mg/L	5.00	100	01/13/17 13:38	CCR	EPA-200.7
Total Barium	**7.95**	mg/L	5.00	100	01/12/17 22:05	JTR	EPA-200.7
Total Cadmium	~~<1.00~~	mg/L	1.00 U	100	01/12/17 22:05	JTR	EPA-200.7
Total Chromium	**152000**	mg/L	25.0	1000	01/13/17 13:47	CCR	EPA-200.7
Total Copper	**1400**	mg/L	2.50	100	01/12/17 22:05	JTR	EPA-200.7
Total Lead	**42.3**	mg/L	3.00	100	01/13/17 13:38	CCR	EPA-200.7
Mercury (Total)	**0.605**	mg/L	0.100	500	12/23/16 15:50	KKM	EPA-245.1
Total Selenium	~~<5.00~~	mg/L	5.00 U	100	01/12/17 22:05	JTR	EPA-200.7
Total Silver	~~<2.50~~	mg/L	2.50 U	100	01/12/17 22:05	JTR	EPA-200.7
Total Sodium	**2020**	mg/L	250	100	01/12/17 22:05	JTR	EPA-200.7
Total Zinc	~~<5.00~~	mg/L	5.00 U	100	01/12/17 22:05	JTR	EPA-200.7
Sulfate	**3780**	mg/L	100	100	12/28/16 10:46	BKN	EPA-300.0
Sulfide (Reactivity)	~~<25.0~~	mg/L	25.0 U	1	12/23/16 11:04	GHD	SW-7.3.4

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

01/16/17

Waypoint ANALYTICAL

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 01/13/2017
Received : 12/21/2016

Randell H. Thomas

Report Number : **16-356-0250**

REPORT OF ANALYSIS

Randy Thomas
Project Manager

Lab No : **95414**
Sample ID : **V11220160910**

Matrix: **Solid**
Sampled: **12/20/2016 9:10**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
TCLP Metals Extraction	**Filtrate**			1	01/03/17 14:07	SAJ	SW-1311

Analytical Method: 6010C
Prep Method: 3005A
Prep Batch(es): **L316754** 01/04/17 08:25

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Arsenic	~~<12.5~~	mg/L	12.5 U	100	01/12/17 23:19	JTR	L317836
TCLP Barium	~~<12.5~~	mg/L	12.5	100	01/12/17 23:19	JTR	L317836
TCLP Cadmium	~~<2.50~~	mg/L	2.50	100	01/12/17 23:19	JTR	L317836
TCLP Chromium	**532**	mg/L	5.00	100	01/12/17 23:19	JTR	L317836
TCLP Lead	~~<5.00~~	mg/L	5.00 U	100	01/13/17 13:00	CCR	L317919
TCLP Selenium	~~<25.0~~	mg/L	25.0	100	01/12/17 23:19	JTR	L317836
TCLP Silver	~~<2.50~~	mg/L	2.50	100	01/12/17 23:19	JTR	L317836

Analytical Method: 7470A
Prep Method: 7470A
Prep Batch(es): **L316759** 01/04/17 08:45

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Mercury	~~<0.0200~~	mg/L	0.0200 U	1	01/04/17 12:18	KKM	L316849

gaw
01/16/17

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

Waypoint ANALYTICAL

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 01/13/2017
Received : 12/21/2016

Randell H. Thomas

Report Number : **16-356-0250**

REPORT OF ANALYSIS

Randy Thomas
Project Manager

Lab No : **95415**
Sample ID : **V11220160910**

Matrix: **Aqueous**
Sampled: **12/20/2016 9:10**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Acidity (as CaCO3)	<100	mg/L	100 U	1	12/30/16 10:44	DB2	2310B-2011
Alkalinity (as CaCO3)	**80500**	mg/L	100	1	01/03/17 10:29	DB2	2320B-2011
Cyanide, Amenable	**13.0**	mg/L	10.0	1000	01/02/17 12:07	EWB	4500CNG-2011
Cyanide, Total	**13.8**	mg/L	10.0	1000	12/31/16 12:30	EWB	4500CNE-2011
pH	**10.7**	s.u.		1	12/21/16 14:25	WRO	4500H+B-2011
Total Settleable Solids	**2.0**	mL/L	0.1	1	12/21/16 11:26	EWB	2540F-2011
Total Solids	**231000**	mg/L	33	1	12/23/16 13:25	GHD	2540B-2011
Total Suspended Solids	**490**	mg/L	5	1	12/21/16 15:10	KGL	2540D-2011
Sulfide	<25.0	mg/L	25.0 U	25	12/23/16 11:04	GHD	4500S2G-2011
Total Arsenic	<5.00	mg/L	5.00	100	01/12/17 22:29	JTR	EPA-200.7
Total Barium	<5.00	mg/L	5.00	100	01/12/17 22:29	JTR	EPA-200.7
Total Cadmium	<1.00	mg/L	1.00	100	01/12/17 22:29	JTR	EPA-200.7
Total Chromium	**561**	mg/L	2.50	100	01/12/17 22:29	JTR	EPA-200.7
Total Copper	**2.60**	mg/L	2.50	100	01/12/17 22:29	JTR	EPA-200.7
Total Lead	<3.00	mg/L	3.00 U	100	01/13/17 14:01	CCR	EPA-200.7
Mercury (Total)	<0.00100	mg/L	0.00100	1	12/28/16 12:37	KKM	EPA-245.1
Total Selenium	<5.00	mg/L	5.00	100	01/12/17 22:29	JTR	EPA-200.7
Total Silver	<2.50	mg/L	2.50	100	01/12/17 22:29	JTR	EPA-200.7
Total Sodium	**42800**	mg/L	250	100	01/12/17 22:29	JTR	EPA-200.7
Total Zinc	<5.00	mg/L	5.00 U	100	01/12/17 22:29	JTR	EPA-200.7
Sulfate	**1500**	mg/L	100	100	12/28/16 12:06	BKN	EPA-300.0
Sulfide (Reactivity)	<25.0	mg/L	25.0 U	1	12/23/16 11:04	GHD	SW-7.3.4

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

01/16/17

Waypoint ANALYTICAL

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 01/13/2017
Received : 12/21/2016

Randell H. Thomas

Report Number : **16-356-0250**

REPORT OF ANALYSIS

Randy Thomas
Project Manager

Lab No : **95416**
Sample ID : **V21220160930**

Matrix: **Solid**
Sampled: **12/20/2016 9:30**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
TCLP Metals Extraction	**Filtrate**			1	01/03/17 14:07	SAJ	SW-1311

Analytical Method: 6010C
Prep Method: 3005A
Prep Batch(es): **L316754** 01/04/17 08:25

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Arsenic	~~<12.5~~	mg/L	12.5 U	100	01/12/17 23:24	JTR	L317836
TCLP Barium	~~<12.5~~	mg/L	12.5	100	01/12/17 23:24	JTR	L317836
TCLP Cadmium	~~<2.50~~	mg/L	2.50	100	01/12/17 23:24	JTR	L317836
TCLP Chromium	**166**	mg/L	5.00	100	01/12/17 23:24	JTR	L317836
TCLP Lead	~~<5.00~~	mg/L	5.00 U	100	01/13/17 13:05	CCR	L317919
TCLP Selenium	~~<25.0~~	mg/L	25.0	100	01/12/17 23:24	JTR	L317836
TCLP Silver	~~<2.50~~	mg/L	2.50	100	01/12/17 23:24	JTR	L317836

Analytical Method: 7470A
Prep Method: 7470A
Prep Batch(es): **L316759** 01/04/17 08:45

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Mercury	~~<0.0200~~	mg/L	0.0200 U	1	01/04/17 12:20	KKM	L316849

JAW
01/16/17

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

Waypoint ANALYTICAL

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 01/13/2017
Received : 12/21/2016

Randell H. Thomas

Report Number : **16-356-0250**

REPORT OF ANALYSIS

Randy Thomas
Project Manager

Lab No : **95417**
Sample ID : **V21220160930**

Matrix: **Aqueous**
Sampled: **12/20/2016 9:30**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Acidity (as CaCO3)	~~<100~~	mg/L	100 U	1	12/30/16 10:44	DB2	2310B-2011
Alkalinity (as CaCO3)	**67500**	mg/L	100	1	01/03/17 10:29	DB2	2320B-2011
Cyanide, Amenable	~~<10.0~~	mg/L	10.0 U	1000	01/02/17 12:07	EWB	4500CNG-2011
Cyanide, Total	~~<10.0~~	mg/L	10.0 U	1000	12/31/16 12:30	EWB	4500CNE-2011
pH	**10.3**	s.u.		1	12/21/16 14:25	WRO	4500H+B-2011
Total Settleable Solids	~~<0.1~~	mL/L	0.1 U	1	12/21/16 11:26	EWB	2540F-2011
Total Solids	**66500**	mg/L	43	1	12/23/16 13:25	GHD	2540B-2011
Total Suspended Solids	**315**	mg/L	11	1	12/21/16 15:10	KGL	2540D-2011
Sulfide	~~<25.0~~	mg/L	25.0 U	25	12/23/16 11:04	GHD	4500S2G-2011
Total Arsenic	~~<5.00~~	mg/L	5.00	100	01/12/17 22:33	JTR	EPA-200.7
Total Barium	~~<5.00~~	mg/L	5.00	100	01/12/17 22:33	JTR	EPA-200.7
Total Cadmium	~~<1.00~~	mg/L	1.00	100	01/12/17 22:33	JTR	EPA-200.7
Total Chromium	**179**	mg/L	2.50	100	01/12/17 22:33	JTR	EPA-200.7
Total Copper	~~<2.50~~	mg/L	2.50 U	100	01/12/17 22:33	JTR	EPA-200.7
Total Lead	~~<3.00~~	mg/L	3.00	100	01/13/17 14:06	CCR	EPA-200.7
Mercury (Total)	~~<0.00100~~	mg/L	0.00100	1	12/28/16 12:42	KKM	EPA-245.1
Total Selenium	~~<5.00~~	mg/L	5.00	100	01/12/17 22:33	JTR	EPA-200.7
Total Silver	~~<2.50~~	mg/L	2.50	100	01/12/17 22:33	JTR	EPA-200.7
Total Sodium	**16800**	mg/L	250	100	01/12/17 22:33	JTR	EPA-200.7
Total Zinc	~~<5.00~~	mg/L	5.00 U	100	01/12/17 22:33	JTR	EPA-200.7
Sulfate	**640**	mg/L	100	100	12/28/16 12:16	BKN	EPA-300.0
Sulfide (Reactivity)	~~<25.0~~	mg/L	25.0 U	1	12/23/16 11:04	GHD	SW-7.3.4

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

01/16/17

Waypoint ANALYTICAL

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 01/13/2017
Received : 12/21/2016

Randell H. Thomas

Report Number : **16-356-0250**

REPORT OF ANALYSIS

Randy Thomas
Project Manager

Lab No : **95418**
Sample ID : **V31220161025**

Matrix: **Solid**
Sampled: **12/20/2016 10:25**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
TCLP Metals Extraction	**Filtrate**			1	01/03/17 14:07	SAJ	SW-1311

Analytical Method: 6010C
Prep Method: 3005A
Prep Batch(es): **L316754** 01/04/17 08:25

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Arsenic	~~<12.5~~	mg/L	12.5 U	100	01/12/17 23:28	JTR	L317836
TCLP Barium	~~<12.5~~	mg/L	12.5	100	01/12/17 23:28	JTR	L317836
TCLP Cadmium	~~<2.50~~	mg/L	2.50	100	01/12/17 23:28	JTR	L317836
TCLP Chromium	**122**	mg/L	5.00	100	01/12/17 23:28	JTR	L317836
TCLP Lead	~~<5.00~~	mg/L	5.00 U	100	01/13/17 13:10	CCR	L317919
TCLP Selenium	~~<25.0~~	mg/L	25.0	100	01/12/17 23:28	JTR	L317836
TCLP Silver	~~<2.50~~	mg/L	2.50	100	01/12/17 23:28	JTR	L317836

Analytical Method: 7470A
Prep Method: 7470A
Prep Batch(es): **L316759** 01/04/17 08:45

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Mercury	~~<0.0200~~	mg/L	0.0200 U	1	01/04/17 12:22	KKM	L316849

01/16/17

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

Waypoint ANALYTICAL

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 01/13/2017
Received : 12/21/2016

Randell H. Thomas

Report Number : **16-356-0250**

REPORT OF ANALYSIS

Randy Thomas
Project Manager

Lab No : **95419**
Sample ID : **V31220161025**

Matrix: **Aqueous**
Sampled: **12/20/2016 10:25**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Acidity (as CaCO3)	~~<100~~	mg/L	100 U	1	12/30/16 10:44	DB2	2310B-2011
Alkalinity (as CaCO3)	**65000**	mg/L	100	1	01/03/17 10:29	DB2	2320B-2011
Cyanide, Amenable	~~<10.0~~	mg/L	10.0 U	1000	01/02/17 12:07	EWB	4500CNG-2011
Cyanide, Total	~~<10.0~~	mg/L	10.0 U	1000	12/31/16 12:30	EWB	4500CNE-2011
pH	**10.6**	s.u.		1	12/21/16 14:25	WRO	4500H+B-2011
Total Settleable Solids	**36.0**	mL/L	0.1	1	12/21/16 11:26	EWB	2540F-2011
Total Solids	**78300**	mg/L	66	1	12/23/16 13:25	GHD	2540B-2011
Total Suspended Solids	**160**	mg/L	5	1	12/21/16 15:10	KGL	2540D-2011
Sulfide	~~<25.0~~	mg/L	25.0 U	25	12/23/16 11:04	GHD	4500S2G-2011
Total Arsenic	<5.00	mg/L	5.00	100	01/12/17 22:38	JTR	EPA-200.7
Total Barium	<5.00	mg/L	5.00	100	01/12/17 22:38	JTR	EPA-200.7
Total Cadmium	<1.00	mg/L	1.00	100	01/12/17 22:38	JTR	EPA-200.7
Total Chromium	**141**	mg/L	2.50	100	01/12/17 22:38	JTR	EPA-200.7
Total Copper	~~<2.50~~	mg/L	2.50 U	100	01/12/17 22:38	JTR	EPA-200.7
Total Lead	~~<3.00~~	mg/L	3.00	100	01/13/17 14:11	CCR	EPA-200.7
Mercury (Total)	<0.00100	mg/L	0.00100	1	12/28/16 12:44	KKM	EPA-245.1
Total Selenium	<5.00	mg/L	5.00	100	01/12/17 22:38	JTR	EPA-200.7
Total Silver	~~<2.50~~	mg/L	2.50	100	01/12/17 22:38	JTR	EPA-200.7
Total Sodium	**32700**	mg/L	250	100	01/12/17 22:38	JTR	EPA-200.7
Total Zinc	~~<5.00~~	mg/L	5.00 U	100	01/12/17 22:38	JTR	EPA-200.7
Sulfate	**496**	mg/L	100	100	12/28/16 12:25	BKN	EPA-300.0
Sulfide (Reactivity)	~~<25.0~~	mg/L	25.0 U	1	12/23/16 11:04	GHD	SW-7.3.4

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

01/16/17

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 01/13/2017
Received : 12/21/2016

Randell H. Thomas

Report Number : **16-356-0250**

REPORT OF ANALYSIS

Randy Thomas
Project Manager

Lab No : **95420**
Sample ID : **V41220161040**

Matrix: **Solid**
Sampled: **12/20/2016 10:40**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
TCLP Metals Extraction	**Filtrate**			1	01/03/17 14:07	SAJ	SW-1311

Analytical Method: 6010C **Prep Batch(es):** **L316754** 01/04/17 08:25
Prep Method: 3005A

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Arsenic	~~<12.5~~	mg/L	12.5 U	100	01/11/17 01:03	JTR	L317712
TCLP Barium	~~<12.5~~	mg/L	12.5	100	01/11/17 01:03	JTR	L317712
TCLP Cadmium	~~<2.50~~	mg/L	2.50	100	01/11/17 01:03	JTR	L317712
TCLP Chromium	**1190**	mg/L	5.00	100	01/11/17 01:03	JTR	L317712
TCLP Lead	**9.60**	mg/L	5.00	100	01/11/17 01:03	JTR	L317712
TCLP Selenium	~~<25.0~~	mg/L	25.0 U	100	01/11/17 01:03	JTR	L317712
TCLP Silver	~~<2.50~~	mg/L	2.50 U	100	01/11/17 01:03	JTR	L317712

Analytical Method: 7470A **Prep Batch(es):** **L316759** 01/04/17 08:45
Prep Method: 7470A

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Mercury	~~<0.0200~~	mg/L	0.0200 U	1	01/04/17 12:24	KKM	L316849

01/16/17

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

Waypoint ANALYTICAL

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 01/13/2017
Received : 12/21/2016

Randell H. Thomas

Report Number : **16-356-0250**

REPORT OF ANALYSIS

Randy Thomas
Project Manager

Lab No : **95421**
Sample ID : **V41220161040**

Matrix: **Aqueous**
Sampled: **12/20/2016 10:40**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Acidity (as CaCO3)	~~<100~~	mg/L	100 U	1	12/30/16 10:44	DB2	2310B-2011
Alkalinity (as CaCO3)	**52000**	mg/L	100	1	01/03/17 10:29	DB2	2320B-2011
Cyanide, Amenable	~~<10.0~~	mg/L	10.0 U	1000	01/02/17 12:07	EWB	4500CNG-2011
Cyanide, Total	~~<10.0~~	mg/L	10.0 U	1000	12/31/16 12:30	EWB	4500CNE-2011
pH	**13.8**	s.u.		1	12/21/16 14:25	WRO	4500H+B-2011
Total Settleable Solids	**5.9**	mL/L	0.1	1	12/21/16 11:26	EWB	2540F-2011
Total Solids	**206000**	mg/L	50	1	12/23/16 13:25	GHD	2540B-2011
Total Suspended Solids	**303**	mg/L	2	1	12/21/16 15:10	KGL	2540D-2011
Sulfide	~~<25.0~~	mg/L	25.0 U	25	12/23/16 11:04	GHD	4500S2G-2011
Total Arsenic	~~<5.00~~	mg/L	5.00	10	01/11/17 01:08	JTR	EPA-200.7
Total Barium	~~<5.00~~	mg/L	5.00	10	01/11/17 01:08	JTR	EPA-200.7
Total Cadmium	~~<1.00~~	mg/L	1.00	10	01/11/17 01:08	JTR	EPA-200.7
Total Chromium	**1140**	mg/L	2.50	10	01/11/17 01:08	JTR	EPA-200.7
Total Copper	**13.8**	mg/L	2.50	10	01/11/17 01:08	JTR	EPA-200.7
Total Lead	**11.6**	mg/L	3.00	10	01/11/17 01:08	JTR	EPA-200.7
Mercury (Total)	~~<0.0100~~	mg/L	0.0100 U	1	12/28/16 12:46	KKM	EPA-245.1
Total Selenium	~~<5.00~~	mg/L	5.00	10	01/11/17 01:08	JTR	EPA-200.7
Total Silver	~~<2.50~~	mg/L	2.50	10	01/11/17 01:08	JTR	EPA-200.7
Total Sodium	**96200**	mg/L	250	10	01/11/17 01:08	JTR	EPA-200.7
Total Zinc	**7.95**	mg/L	5.00	10	01/11/17 01:08	JTR	EPA-200.7
Sulfate	**1390**	mg/L	1000	1000	12/28/16 20:50	BKN	EPA-300.0
Sulfide (Reactivity)	~~<25.0~~	mg/L	25.0 U	1	12/23/16 11:04	GHD	SW-7.3.4

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

gaw
01/16/17

Waypoint ANALYTICAL

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 01/13/2017
Received : 12/21/2016

Randell H. Thomas

Report Number : **16-356-0250**

REPORT OF ANALYSIS

Randy Thomas
Project Manager

Lab No : **95422**
Sample ID : **V81220161115**

Matrix: **Solid**
Sampled: **12/20/2016 11:15**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
TCLP Metals Extraction	**Filtrate**			1	01/03/17 14:07	SAJ	SW-1311

Analytical Method: 6010C
Prep Method: 3005A
Prep Batch(es): **L316754** 01/04/17 08:25

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Arsenic	~~<12.5~~	mg/L	12.5 U	100	01/11/17 01:13	JTR	L317712
TCLP Barium	~~<12.5~~	mg/L	12.5	100	01/11/17 01:13	JTR	L317712
TCLP Cadmium	~~<2.50~~	mg/L	2.50	100	01/11/17 01:13	JTR	L317712
TCLP Chromium	**177**	mg/L	5.00	100	01/11/17 01:13	JTR	L317712
TCLP Lead	~~<5.00~~	mg/L	5.00 U	100	01/11/17 01:13	JTR	L317712
TCLP Selenium	~~<25.0~~	mg/L	25.0	100	01/11/17 01:13	JTR	L317712
TCLP Silver	~~<2.50~~	mg/L	2.50	100	01/11/17 01:13	JTR	L317712

Analytical Method: 7470A
Prep Method: 7470A
Prep Batch(es): **L316759** 01/04/17 08:45

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Mercury	~~<0.0200~~	mg/L	0.0200 U	1	01/04/17 12:26	KKM	L316849

gaw
01/16/17

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

Waypoint ANALYTICAL

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 01/13/2017
Received : 12/21/2016

Randell H. Thomas

Report Number : **16-356-0250**

REPORT OF ANALYSIS

Randy Thomas
Project Manager

Lab No : **95423**
Sample ID : **V81220161115**

Matrix: **Aqueous**
Sampled: **12/20/2016 11:15**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Acidity (as CaCO3)	**100000**	mg/L	100	1	12/30/16 10:44	DB2	2310B-2011
Alkalinity (as CaCO3)	<100	mg/L	100 U	1	01/03/17 10:29	DB2	2320B-2011
Cyanide, Amenable	<10.0	mg/L	10.0	1000	01/02/17 12:07	EWB	4500CNG-2011
Cyanide, Total	<10.0	mg/L	10.0	1000	12/31/16 12:30	EWB	4500CNE-2011
pH	**2.3**	s.u.		1	12/21/16 14:25	WRO	4500H+B-2011
Total Settleable Solids	**60.7**	mL/L	0.1	1	12/21/16 11:26	EWB	2540F-2011
Total Solids	**239000**	mg/L	31	1	12/23/16 13:25	GHD	2540B-2011
Total Suspended Solids	**146**	mg/L	2	1	12/21/16 15:10	KGL	2540D-2011
Sulfide	<25.0	mg/L	25.0 U	25	12/23/16 11:04	GHD	4500S2G-2011
Total Arsenic	<5.00	mg/L	5.00	100	01/11/17 01:17	JTR	EPA-200.7
Total Barium	<5.00	mg/L	5.00	100	01/11/17 01:17	JTR	EPA-200.7
Total Cadmium	<1.00	mg/L	1.00	100	01/11/17 01:17	JTR	EPA-200.7
Total Chromium	**153**	mg/L	2.50	100	01/11/17 01:17	JTR	EPA-200.7
Total Copper	**12.7**	mg/L	2.50	100	01/11/17 01:17	JTR	EPA-200.7
Total Lead	<3.00	mg/L	3.00 U	100	01/11/17 01:17	JTR	EPA-200.7
Mercury (Total)	<0.00020	mg/L	0.00020	1	12/28/16 12:48	KKM	EPA-245.1
Total Selenium	<5.00	mg/L	5.00	100	01/11/17 01:17	JTR	EPA-200.7
Total Silver	<2.50	mg/L	2.50	100	01/11/17 01:17	JTR	EPA-200.7
Total Sodium	**50900**	mg/L	250	100	01/11/17 01:17	JTR	EPA-200.7
Total Zinc	**6.85**	mg/L	5.00	100	01/11/17 01:17	JTR	EPA-200.7
Sulfate	**234000**	mg/L	10000	10000	12/29/16 14:51	BKN	EPA-300.0
Sulfide (Reactivity)	<25.0	mg/L	25.0 U	1	12/23/16 11:04	GHD	SW-7.3.4

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

gaw
01/16/17

DATA VALIDATION CHECKLIST – STAGE 2A

Site Name	Chromecraft Plating	**Project No.**	TT-01-061
Data Reviewer (signature and date)	Jessica A. Vickers January 16, 2017	**Laboratory/ Report No.**	Waypoint Analytical/16-356-0250
Analyses	Metals by EPA 200.7 and EPA 245.1, toxicity characteristic leaching procedure (TCLP) metals by SW1311/6010C and SW1311/7470A, acidity by SM2310B-2011, alkalinity by SM2320B-2011, amenable cyanide by SM4500CNG-2011, total cyanide by SM4500CNE-2011, pH by SM4500H+B-2011, sulfate by EPA 300.0, reactive sulfide by SW-846 Chapter 7.3.4, sulfide by SM4500S2G-2011, total settleable solids by SM2540F-2011, total solids by SM2540B-2011, and total suspended solids by SM2450D-2011		
Samples	V11220160910, V21220160930, V31220161025, V41220161040, and V81220161115		

This checklist summarizes the Stage 2A validation performed on the subject laboratory report, in accordance with the U.S. Environmental Protection Agency (EPA) *Guidance for Labeling Externally Validated Laboratory Analytical Data for Superfund Use* (January 2009). Analytical data were evaluated in general accordance with the EPA *National Functional Guidelines (NFG) for Inorganic Superfund Data Review* (September 2016) data validation guidance document, as well as the above referenced methods.

OVERALL EVALUATION:

No rejection or qualification of data was required for this data package. The data can be used as reported by the laboratory.

Data completeness:

Within Criteria	Exceedance/Notes
Y	

Sample preservation, receipt, and holding times:

Within Criteria	Exceedance/Notes
Y	

1955 Evergreen Blvd., Ste. 300, Duluth, GA 30096
Tel 678.775.3080 Fax 678.775.3138
www.tetratech.com

DATA VALIDATION CHECKLIST – STAGE 2A

Method blanks:

Within Criteria	Exceedance/Notes
Y	

Field blanks:

Within Criteria	Exceedance/Notes
NA	

System monitoring compounds (surrogates and labeled compounds):

Within Criteria	Exceedance/Notes
NA	

MS/MSD:

Within Criteria	Exceedance/Notes
NA	MS/MSDs performed on non-project samples were not evaluated.

Post Digestion Spikes:

Within Criteria	Exceedance/Notes
NA	Post digestion spikes performed on non-project samples were not evaluated.

1955 Evergreen Blvd., Ste. 300, Duluth, GA 30096
Tel 678.775.3080 Fax 678.775.3138
www.tetratech.com

Laboratory duplicates:

Within Criteria	Exceedance/Notes
Y	Laboratory duplicates performed on non-project samples were not evaluated.

Field duplicates:

Within Criteria	Exceedance/Notes
NA	

LCSs/LCSDs:

Within Criteria	Exceedance/Notes
Y	

Sample dilutions:

Within Criteria	Exceedance/Notes
Y	10x: metals except mercury for V41220161040 25x: sulfide for V11220160910, V21220160930, V31220161025, V41220161040, and V81220161115 100x: metals except mercury, TCLP metals except mercury, and sulfate for V11220160910, V21220160930, V31220161025 100x: metals except mercury and TCLP metals except mercury for V81220161115 100x: TCLP metals except mercury for V41220161040 1,000x: amenable cyanide and total cyanide for V11220160910, V21220160930, V31220161025, and V81220161115 1,000x: amenable cyanide, total cyanide, and sulfate for V41220161040 10,000x: sulfate for V81220161115

DATA VALIDATION CHECKLIST – STAGE 2A

Re-extraction and reanalysis:

Within Criteria	Exceedance/Notes
NA	

MDLs/RLs:

Within Criteria	Exceedance/Notes
Y	

Overall Qualifications:

See results summary pages attached for changes to the laboratory qualifiers based upon this validation. The following is a list of qualifiers and definitions that may be used for the validation of this data package:

J	The analyte was positively identified; the associated value is the approximate concentration of the analyte in the sample.
J+	The analyte was positively identified; the associated value is the approximate concentration of the analyte in the sample and may be biased high.
J-	The analyte was positively identified; the associated value is the approximate concentration of the analyte in the sample and may be biased low.
NJ	The analysis indicates the presence of an analyte that has been “tentatively identified” and the associated value is the approximate concentration of the analyte in the sample.
R	The sample result is rejected as unusable due to serious deficiencies in one or more quality control criteria. The analyte may or may not be present in the sample.
U	The analyte was analyzed for, but was not detected at or above the associated value (reporting limit).
UJ	The analyte was analyzed for, but was not detected at or above the associated value (reporting limit), which is considered approximate due to deficiencies in one or more quality control criteria.

Waypoint ANALYTICAL

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 01/13/2017
Received : 12/21/2016

Randell H. Thomas

Randy Thomas
Project Manager

Report Number : **16-356-0250**

REPORT OF ANALYSIS

Lab No : **95414**
Sample ID : **V11220160910**

Matrix: **Solid**
Sampled: **12/20/2016 9:10**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
TCLP Metals Extraction	**Filtrate**			1	01/03/17 14:07	SAJ	SW-1311

Analytical Method: 6010C **Prep Batch(es):** **L316754** 01/04/17 08:25
Prep Method: 3005A

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Arsenic	~~<12.5~~	mg/L	12.5 U	100	01/12/17 23:19	JTR	L317836
TCLP Barium	~~<12.5~~	mg/L	12.5	100	01/12/17 23:19	JTR	L317836
TCLP Cadmium	~~<2.50~~	mg/L	2.50	100	01/12/17 23:19	JTR	L317836
TCLP Chromium	**532**	mg/L	5.00	100	01/12/17 23:19	JTR	L317836
TCLP Lead	~~<5.00~~	mg/L	5.00 U	100	01/13/17 13:00	CCR	L317919
TCLP Selenium	~~<25.0~~	mg/L	25.0	100	01/12/17 23:19	JTR	L317836
TCLP Silver	~~<2.50~~	mg/L	2.50	100	01/12/17 23:19	JTR	L317836

Analytical Method: 7470A **Prep Batch(es):** **L316759** 01/04/17 08:45
Prep Method: 7470A

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Mercury	~~<0.0200~~	mg/L	0 0200 U	1	01/04/17 12:18	KKM	L316849

gaw
01/16/17

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

Waypoint ANALYTICAL

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 01/13/2017
Received : 12/21/2016

Randell H. Thomas

Randy Thomas
Project Manager

Report Number : **16-356-0250**

REPORT OF ANALYSIS

Lab No : **95415**
Sample ID : **V11220160910**

Matrix: **Aqueous**
Sampled: **12/20/2016 9:10**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Acidity (as CaCO3)	~~<100~~	mg/L	100 U	1	12/30/16 10:44	DB2	2310B-2011
Alkalinity (as CaCO3)	**80500**	mg/L	100	1	01/03/17 10:29	DB2	2320B-2011
Cyanide, Amenable	**13.0**	mg/L	10.0	1000	01/02/17 12:07	EWB	4500CNG-2011
Cyanide, Total	**13.8**	mg/L	10.0	1000	12/31/16 12:30	EWB	4500CNE-2011
pH	**10.7**	s.u.		1	12/21/16 14:25	WRO	4500H+B-2011
Total Settleable Solids	**2.0**	mL/L	0.1	1	12/21/16 11:26	EWB	2540F-2011
Total Solids	**231000**	mg/L	33	1	12/23/16 13:25	GHD	2540B-2011
Total Suspended Solids	**490**	mg/L	5	1	12/21/16 15:10	KGL	2540D-2011
Sulfide	~~<25.0~~	mg/L	25.0 U	25	12/23/16 11:04	GHD	4500S2G-2011
Total Arsenic	~~<5.00~~	mg/L	5.00	100	01/12/17 22:29	JTR	EPA-200.7
Total Barium	~~<5.00~~	mg/L	5.00	100	01/12/17 22:29	JTR	EPA-200.7
Total Cadmium	~~<1.00~~	mg/L	1.00	100	01/12/17 22:29	JTR	EPA-200.7
Total Chromium	**561**	mg/L	2.50	100	01/12/17 22:29	JTR	EPA-200.7
Total Copper	**2.60**	mg/L	2.50	100	01/12/17 22:29	JTR	EPA-200.7
Total Lead	~~<3.00~~	mg/L	3.00 U	100	01/13/17 14:01	CCR	EPA-200.7
Mercury (Total)	~~<0.00100~~	mg/L	0.00100	1	12/28/16 12:37	KKM	EPA-245.1
Total Selenium	~~<5.00~~	mg/L	5.00	100	01/12/17 22:29	JTR	EPA-200.7
Total Silver	~~<2.50~~	mg/L	2.50	100	01/12/17 22:29	JTR	EPA-200.7
Total Sodium	**42800**	mg/L	250	100	01/12/17 22:29	JTR	EPA-200.7
Total Zinc	~~<5.00~~	mg/L	5.00 U	100	01/12/17 22:29	JTR	EPA-200.7
Sulfate	**1500**	mg/L	100	100	12/28/16 12:06	BKN	EPA-300.0
Sulfide (Reactivity)	~~<25.0~~	mg/L	25.0 U	1	12/23/16 11:04	GHD	SW-7.3.4

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

01/16/17

Waypoint ANALYTICAL

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 01/13/2017
Received : 12/21/2016

Randell H. Thomas

Randy Thomas
Project Manager

Report Number : **16-356-0250**

REPORT OF ANALYSIS

Lab No : **95416**
Sample ID : **V21220160930**

Matrix: **Solid**
Sampled: **12/20/2016 9:30**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
TCLP Metals Extraction	**Filtrate**			1	01/03/17 14:07	SAJ	SW-1311

Analytical Method: 6010C **Prep Batch(es):** **L316754** 01/04/17 08:25
Prep Method: 3005A

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Arsenic	~~<12.5~~	mg/L	12.5 U	100	01/12/17 23:24	JTR	L317836
TCLP Barium	~~<12.5~~	mg/L	12.5	100	01/12/17 23:24	JTR	L317836
TCLP Cadmium	~~<2.50~~	mg/L	2.50	100	01/12/17 23:24	JTR	L317836
TCLP Chromium	**166**	mg/L	5.00	100	01/12/17 23:24	JTR	L317836
TCLP Lead	~~<5.00~~	mg/L	5.00 U	100	01/13/17 13:05	CCR	L317919
TCLP Selenium	~~<25.0~~	mg/L	25.0	100	01/12/17 23:24	JTR	L317836
TCLP Silver	~~<2.50~~	mg/L	2.50	100	01/12/17 23:24	JTR	L317836

Analytical Method: 7470A **Prep Batch(es):** **L316759** 01/04/17 08:45
Prep Method: 7470A

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Mercury	~~<0.0200~~	mg/L	0.0200 U	1	01/04/17 12:20	KKM	L316849

JAW
01/16/17

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

Waypoint ANALYTICAL

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 01/13/2017
Received : 12/21/2016

Randell H. Thomas

Randy Thomas
Project Manager

Report Number : **16-356-0250**

REPORT OF ANALYSIS

Lab No : **95417**
Sample ID : **V21220160930**

Matrix: **Aqueous**
Sampled: **12/20/2016 9:30**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Acidity (as CaCO3)	~~<100~~	mg/L	100 U	1	12/30/16 10:44	DB2	2310B-2011
Alkalinity (as CaCO3)	**67500**	mg/L	100	1	01/03/17 10:29	DB2	2320B-2011
Cyanide, Amenable	~~<10.0~~	mg/L	10.0 U	1000	01/02/17 12:07	EWB	4500CNG-2011
Cyanide, Total	~~<10.0~~	mg/L	10.0 U	1000	12/31/16 12:30	EWB	4500CNE-2011
pH	**10.3**	s.u.		1	12/21/16 14:25	WRO	4500H+B-2011
Total Settleable Solids	~~<0.1~~	mL/L	0 1 U	1	12/21/16 11:26	EWB	2540F-2011
Total Solids	**66500**	mg/L	43	1	12/23/16 13:25	GHD	2540B-2011
Total Suspended Solids	**315**	mg/L	11	1	12/21/16 15:10	KGL	2540D-2011
Sulfide	~~<25.0~~	mg/L	25.0 U	25	12/23/16 11:04	GHD	4500S2G-2011
Total Arsenic	<5.00	mg/L	5.00	100	01/12/17 22:33	JTR	EPA-200.7
Total Barium	<5.00	mg/L	5.00	100	01/12/17 22:33	JTR	EPA-200.7
Total Cadmium	<1.00	mg/L	1.00	100	01/12/17 22:33	JTR	EPA-200.7
Total Chromium	**179**	mg/L	2.50	100	01/12/17 22:33	JTR	EPA-200.7
Total Copper	~~<2.50~~	mg/L	2.50 U	100	01/12/17 22:33	JTR	EPA-200.7
Total Lead	<3.00	mg/L	3.00	100	01/13/17 14:06	CCR	EPA-200.7
Mercury (Total)	<0.00100	mg/L	0.00100	1	12/28/16 12:42	KKM	EPA-245.1
Total Selenium	<5.00	mg/L	5.00	100	01/12/17 22:33	JTR	EPA-200.7
Total Silver	<2.50	mg/L	2 50	100	01/12/17 22:33	JTR	EPA-200.7
Total Sodium	**16800**	mg/L	250	100	01/12/17 22:33	JTR	EPA-200.7
Total Zinc	~~<5.00~~	mg/L	5.00 U	100	01/12/17 22:33	JTR	EPA-200.7
Sulfate	**640**	mg/L	100	100	12/28/16 12:16	BKN	EPA-300.0
Sulfide (Reactivity)	~~<25.0~~	mg/L	25.0 U	1	12/23/16 11:04	GHD	SW-7.3.4

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

01/16/17

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 01/13/2017
Received : 12/21/2016

Randell H. Thomas
Randy Thomas
Project Manager

Report Number : **16-356-0250**

REPORT OF ANALYSIS

Lab No : **95418**
Sample ID : **V31220161025**

Matrix: **Solid**
Sampled: **12/20/2016 10:25**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
TCLP Metals Extraction	**Filtrate**			1	01/03/17 14:07	SAJ	SW-1311

Analytical Method: 6010C **Prep Batch(es):** **L316754** 01/04/17 08:25
Prep Method: 3005A

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Arsenic	~~<12.5~~	mg/L	12.5 U	100	01/12/17 23:28	JTR	L317836
TCLP Barium	~~<12.5~~	mg/L	12.5	100	01/12/17 23:28	JTR	L317836
TCLP Cadmium	~~<2.50~~	mg/L	2.50	100	01/12/17 23:28	JTR	L317836
TCLP Chromium	**122**	mg/L	5.00	100	01/12/17 23:28	JTR	L317836
TCLP Lead	~~<5.00~~	mg/L	5.00 U	100	01/13/17 13:10	CCR	L317919
TCLP Selenium	~~<25.0~~	mg/L	25.0	100	01/12/17 23:28	JTR	L317836
TCLP Silver	~~<2.50~~	mg/L	2.50	100	01/12/17 23:28	JTR	L317836

Analytical Method: 7470A **Prep Batch(es):** **L316759** 01/04/17 08:45
Prep Method: 7470A

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Mercury	~~<0.0200~~	mg/L	0.0200 U	1	01/04/17 12:22	KKM	L316849

gaw
01/16/17

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

Waypoint ANALYTICAL

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 01/13/2017
Received : 12/21/2016

Randell H. Thomas

Randy Thomas
Project Manager

Report Number : **16-356-0250**

REPORT OF ANALYSIS

Lab No : **95419**
Sample ID : **V31220161025**

Matrix: **Aqueous**
Sampled: **12/20/2016 10:25**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Acidity (as CaCO3)	~~<100~~	mg/L	100 U	1	12/30/16 10:44	DB2	2310B-2011
Alkalinity (as CaCO3)	**65000**	mg/L	100	1	01/03/17 10:29	DB2	2320B-2011
Cyanide, Amenable	~~<10.0~~	mg/L	10.0 U	1000	01/02/17 12:07	EWB	4500CNG-2011
Cyanide, Total	~~<10.0~~	mg/L	10.0 U	1000	12/31/16 12:30	EWB	4500CNE-2011
pH	**10.6**	s.u.		1	12/21/16 14:25	WRO	4500H+B-2011
Total Settleable Solids	**36.0**	mL/L	0.1	1	12/21/16 11:26	EWB	2540F-2011
Total Solids	**78300**	mg/L	66	1	12/23/16 13:25	GHD	2540B-2011
Total Suspended Solids	**160**	mg/L	5	1	12/21/16 15:10	KGL	2540D-2011
Sulfide	~~<25.0~~	mg/L	25.0 U	25	12/23/16 11:04	GHD	4500S2G-2011
Total Arsenic	~~<5.00~~	mg/L	5.00	100	01/12/17 22:38	JTR	EPA-200.7
Total Barium	~~<5.00~~	mg/L	5.00	100	01/12/17 22:38	JTR	EPA-200.7
Total Cadmium	~~<1.00~~	mg/L	1.00	100	01/12/17 22:38	JTR	EPA-200.7
Total Chromium	**141**	mg/L	2.50	100	01/12/17 22:38	JTR	EPA-200.7
Total Copper	~~<2.50~~	mg/L	2.50 U	100	01/12/17 22:38	JTR	EPA-200.7
Total Lead	~~<3.00~~	mg/L	3.00	100	01/13/17 14:11	CCR	EPA-200.7
Mercury (Total)	~~<0.00100~~	mg/L	0.00100	1	12/28/16 12:44	KKM	EPA-245.1
Total Selenium	~~<5.00~~	mg/L	5.00	100	01/12/17 22:38	JTR	EPA-200.7
Total Silver	~~<2.50~~	mg/L	2.50	100	01/12/17 22:38	JTR	EPA-200.7
Total Sodium	**32700**	mg/L	250	100	01/12/17 22:38	JTR	EPA-200.7
Total Zinc	~~<5.00~~	mg/L	5.00 U	100	01/12/17 22:38	JTR	EPA-200.7
Sulfate	**496**	mg/L	100	100	12/28/16 12:25	BKN	EPA-300.0
Sulfide (Reactivity)	~~<25.0~~	mg/L	25.0 U	1	12/23/16 11:04	GHD	SW-7.3.4

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

gaw
01/16/17

Waypoint ANALYTICAL

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 01/13/2017
Received : 12/21/2016

Randall H. Thomas

Randy Thomas
Project Manager

Report Number : **16-356-0250**

REPORT OF ANALYSIS

Lab No : **95420**
Sample ID : **V41220161040**

Matrix: **Solid**
Sampled: **12/20/2016 10:40**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
TCLP Metals Extraction	**Filtrate**			1	01/03/17 14:07	SAJ	SW-1311

Analytical Method: 6010C **Prep Batch(es):** **L316754** 01/04/17 08:25
Prep Method: 3005A

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Arsenic	<12.5	mg/L	12.5 U	100	01/11/17 01:03	JTR	L317712
TCLP Barium	<12.5	mg/L	12.5	100	01/11/17 01:03	JTR	L317712
TCLP Cadmium	<2.50	mg/L	2.50	100	01/11/17 01:03	JTR	L317712
TCLP Chromium	**1190**	mg/L	5.00	100	01/11/17 01:03	JTR	L317712
TCLP Lead	**9.60**	mg/L	5.00	100	01/11/17 01:03	JTR	L317712
TCLP Selenium	<25.0	mg/L	25.0 U	100	01/11/17 01:03	JTR	L317712
TCLP Silver	<2.50	mg/L	2.50 U	100	01/11/17 01:03	JTR	L317712

Analytical Method: 7470A **Prep Batch(es):** **L316759** 01/04/17 08:45
Prep Method: 7470A

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Mercury	<0.0200	mg/L	0.0200 U	1	01/04/17 12:24	KKM	L316849

01/16/17

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

Waypoint ANALYTICAL

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 01/13/2017
Received : 12/21/2016

Randall H. Thomas

Randy Thomas
Project Manager

Report Number : **16-356-0250**

REPORT OF ANALYSIS

Lab No : **95421**
Sample ID : **V41220161040**

Matrix: **Aqueous**
Sampled: **12/20/2016 10:40**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Acidity (as CaCO3)	~~<100~~	mg/L	100 U	1	12/30/16 10:44	DB2	2310B-2011
Alkalinity (as CaCO3)	**52000**	mg/L	100	1	01/03/17 10:29	DB2	2320B-2011
Cyanide, Amenable	~~<10.0~~	mg/L	10.0 U	1000	01/02/17 12:07	EWB	4500CNG-2011
Cyanide, Total	~~<10.0~~	mg/L	10.0 U	1000	12/31/16 12:30	EWB	4500CNE-2011
pH	**13.8**	s.u.		1	12/21/16 14:25	WRO	4500H+B-2011
Total Settleable Solids	**5.9**	mL/L	0.1	1	12/21/16 11:26	EWB	2540F-2011
Total Solids	**206000**	mg/L	50	1	12/23/16 13:25	GHD	2540B-2011
Total Suspended Solids	**303**	mg/L	2	1	12/21/16 15:10	KGL	2540D-2011
Sulfide	~~<25.0~~	mg/L	25.0 U	25	12/23/16 11:04	GHD	4500S2G-2011
Total Arsenic	~~<5.00~~	mg/L	5.00	10	01/11/17 01:08	JTR	EPA-200.7
Total Barium	~~<5.00~~	mg/L	5.00	10	01/11/17 01:08	JTR	EPA-200.7
Total Cadmium	~~<1.00~~	mg/L	1.00	10	01/11/17 01:08	JTR	EPA-200.7
Total Chromium	**1140**	mg/L	2.50	10	01/11/17 01:08	JTR	EPA-200.7
Total Copper	**13.8**	mg/L	2.50	10	01/11/17 01:08	JTR	EPA-200.7
Total Lead	**11.6**	mg/L	3.00	10	01/11/17 01:08	JTR	EPA-200.7
Mercury (Total)	~~<0.0100~~	mg/L	0.0100 U	1	12/28/16 12:46	KKM	EPA-245.1
Total Selenium	~~<5.00~~	mg/L	5.00	10	01/11/17 01:08	JTR	EPA-200.7
Total Silver	~~<2.50~~	mg/L	2.50	10	01/11/17 01:08	JTR	EPA-200.7
Total Sodium	**96200**	mg/L	250	10	01/11/17 01:08	JTR	EPA-200.7
Total Zinc	**7.95**	mg/L	5.00	10	01/11/17 01:08	JTR	EPA-200.7
Sulfate	**1390**	mg/L	1000	1000	12/28/16 20:50	BKN	EPA-300.0
Sulfide (Reactivity)	~~<25.0~~	mg/L	25.0 U	1	12/23/16 11:04	GHD	SW-7.3.4

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

JAW
01/16/17

Waypoint ANALYTICAL

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 01/13/2017
Received : 12/21/2016

Randell H. Thomas

Randy Thomas
Project Manager

Report Number : **16-356-0250**

REPORT OF ANALYSIS

Lab No : **95422**
Sample ID : **V81220161115**

Matrix: **Solid**
Sampled: **12/20/2016 11:15**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
TCLP Metals Extraction	**Filtrate**			1	01/03/17 14:07	SAJ	SW-1311

Analytical Method: 6010C **Prep Batch(es):** **L316754** 01/04/17 08:25
Prep Method: 3005A

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Arsenic	~~<12.5~~	mg/L	12.5 U	100	01/11/17 01:13	JTR	L317712
TCLP Barium	<12.5	mg/L	12.5	100	01/11/17 01:13	JTR	L317712
TCLP Cadmium	~~<2.50~~	mg/L	2.50	100	01/11/17 01:13	JTR	L317712
TCLP Chromium	**177**	mg/L	5.00	100	01/11/17 01:13	JTR	L317712
TCLP Lead	~~<5.00~~	mg/L	5.00 U	100	01/11/17 01:13	JTR	L317712
TCLP Selenium	~~<25.0~~	mg/L	25.0	100	01/11/17 01:13	JTR	L317712
TCLP Silver	~~<2.50~~	mg/L	2.50	100	01/11/17 01:13	JTR	L317712

Analytical Method: 7470A **Prep Batch(es):** **L316759** 01/04/17 08:45
Prep Method: 7470A

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Mercury	~~<0.0200~~	mg/L	0.0200 U	1	01/04/17 12:26	KKM	L316849

gaw
01/16/17

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

Waypoint ANALYTICAL

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 01/13/2017
Received : 12/21/2016

Randell H. Thomas

Randy Thomas
Project Manager

Report Number : **16-356-0250**

REPORT OF ANALYSIS

Lab No : **95423**
Sample ID : **V81220161115**

Matrix: **Aqueous**
Sampled: **12/20/2016 11:15**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Acidity (as CaCO3)	**100000**	mg/L	100	1	12/30/16 10:44	DB2	2310B-2011
Alkalinity (as CaCO3)	~~<100~~	mg/L	100 U	1	01/03/17 10:29	DB2	2320B-2011
Cyanide, Amenable	~~<10.0~~	mg/L	10.0	1000	01/02/17 12:07	EWB	4500CNG-2011
Cyanide, Total	~~<10.0~~	mg/L	10.0	1000	12/31/16 12:30	EWB	4500CNE-2011
pH	**2 3**	s.u.		1	12/21/16 14:25	WRO	4500H+B-2011
Total Settleable Solids	**60 7**	mL/L	0.1	1	12/21/16 11:26	EWB	2540F-2011
Total Solids	**239000**	mg/L	31	1	12/23/16 13:25	GHD	2540B-2011
Total Suspended Solids	**146**	mg/L	2	1	12/21/16 15:10	KGL	2540D-2011
Sulfide	~~<25.0~~	mg/L	25.0 U	25	12/23/16 11:04	GHD	4500S2G-2011
Total Arsenic	~~<5.00~~	mg/L	5.00	100	01/11/17 01:17	JTR	EPA-200.7
Total Barium	~~<5.00~~	mg/L	5.00	100	01/11/17 01:17	JTR	EPA-200.7
Total Cadmium	~~<1.00~~	mg/L	1 00	100	01/11/17 01:17	JTR	EPA-200.7
Total Chromium	**153**	mg/L	2.50	100	01/11/17 01:17	JTR	EPA-200.7
Total Copper	**12.7**	mg/L	2.50	100	01/11/17 01:17	JTR	EPA-200.7
Total Lead	~~<3.00~~	mg/L	3.00 U	100	01/11/17 01:17	JTR	EPA-200.7
Mercury (Total)	~~<0.00020~~	mg/L	0.00020	1	12/28/16 12:48	KKM	EPA-245.1
Total Selenium	~~<5.00~~	mg/L	5.00	100	01/11/17 01:17	JTR	EPA-200.7
Total Silver	~~<2.50~~	mg/L	2.50	100	01/11/17 01:17	JTR	EPA-200.7
Total Sodium	**50900**	mg/L	250	100	01/11/17 01:17	JTR	EPA-200.7
Total Zinc	**6.85**	mg/L	5.00	100	01/11/17 01:17	JTR	EPA-200.7
Sulfate	**234000**	mg/L	10000	10000	12/29/16 14:51	BKN	EPA-300.0
Sulfide (Reactivity)	~~<25.0~~	mg/L	25.0 U	1	12/23/16 11:04	GHD	SW-7.3.4

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

gaw
01/16/17

Waypoint ANALYTICAL

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 01/13/2017
Received : 12/21/2016

Randell H. Thomas

Report Number : **16-356-0251**

REPORT OF ANALYSIS

Randy Thomas
Project Manager

Lab No : **95426**
Sample ID : **V91220161132**

Matrix: **Solid**
Sampled: **12/20/2016 11:32**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
TCLP Metals Extraction	**Filtrate**			1	01/03/17 14:07	SAJ	SW-1311

Analytical Method: 6010C
Prep Method: 3005A
Prep Batch(es): **L316754** 01/04/17 08:25

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Arsenic	~~<12.5~~	mg/L	12.5 U	100	01/11/17 01:22	JTR	L317712
TCLP Barium	~~<12.5~~	mg/L	12.5	100	01/11/17 01:22	JTR	L317712
TCLP Cadmium	~~<2.50~~	mg/L	2.50	100	01/11/17 01:22	JTR	L317712
TCLP Chromium	**22.6**	mg/L	5.00	100	01/11/17 01:22	JTR	L317712
TCLP Lead	~~<5.00~~	mg/L	5.00 U	100	01/11/17 01:22	JTR	L317712
TCLP Selenium	~~<25.0~~	mg/L	25.0	100	01/11/17 01:22	JTR	L317712
TCLP Silver	~~<2.50~~	mg/L	2.50	100	01/11/17 01:22	JTR	L317712

Analytical Method: 7470A
Prep Method: 7470A
Prep Batch(es): **L316759** 01/04/17 08:45

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Mercury	~~<0.0200~~	mg/L	0.0200 U	1	01/04/17 12:28	KKM	L316849

01/16/17

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 01/13/2017
Received : 12/21/2016

Randell H. Thomas

Report Number : **16-356-0251**

REPORT OF ANALYSIS

Randy Thomas
Project Manager

Lab No : **95427**
Sample ID : **V91220161132**

Matrix: **Aqueous**
Sampled: **12/20/2016 11:32**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Acidity (as CaCO3)	<100	mg/L	100 U	1	12/30/16 10:44	DB2	2310B-2011
Alkalinity (as CaCO3)	**72500**	mg/L	100	1	01/03/17 10:29	DB2	2320B-2011
Cyanide, Amenable	<10.0	mg/L	10.0 U	1000	01/02/17 12:07	EWB	4500CNG-2011
Cyanide, Total	<10.0	mg/L	10.0 U	1000	12/31/16 12:30	EWB	4500CNE-2011
pH	**11.2**	s.u.		1	12/21/16 14:25	WRO	4500H+B-2011
Total Settleable Solids	<0.1	mL/L	0.1 U	1	12/21/16 11:26	EWB	2540F-2011
Total Solids	**118000** J	mg/L	33	1	12/23/16 13:46	GHD	2540B-2011
Total Suspended Solids	**307**	mg/L	9	1	12/21/16 15:10	KGL	2540D-2011
Sulfide	<25.0	mg/L	25.0 U	25	12/23/16 11:04	GHD	4500S2G-2011
Total Arsenic	<5.00	mg/L	5.00	100	01/11/17 01:27	JTR	EPA-200.7
Total Barium	<5.00	mg/L	5.00	100	01/11/17 01:27	JTR	EPA-200.7
Total Cadmium	<1.00	mg/L	1.00	100	01/11/17 01:27	JTR	EPA-200.7
Total Chromium	**18.8**	mg/L	2.50	100	01/11/17 01:27	JTR	EPA-200.7
Total Copper	<2.50	mg/L	2.50 U	100	01/11/17 01:27	JTR	EPA-200.7
Total Lead	<3.00	mg/L	3.00	100	01/11/17 01:27	JTR	EPA-200.7
Mercury (Total)	<0.00100	mg/L	0.00100	1	12/28/16 12:50	KKM	EPA-245.1
Total Selenium	<5.00	mg/L	5.00	100	01/11/17 01:27	JTR	EPA-200.7
Total Silver	<2.50	mg/L	2.50	100	01/11/17 01:27	JTR	EPA-200.7
Total Sodium	**37300**	mg/L	250	100	01/11/17 01:27	JTR	EPA-200.7
Total Zinc	<5.00	mg/L	5.00 U	100	01/11/17 01:27	JTR	EPA-200.7
Sulfate	**3760**	mg/L	100	100	12/28/16 13:15	BKN	EPA-300.0
Sulfide (Reactivity)	<25.0	mg/L	25.0 U	1	12/23/16 11:04	GHD	SW-7.3.4

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

01/16/17

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 01/13/2017
Received : 12/21/2016

Randell H. Thomas

Report Number : **16-356-0251**

REPORT OF ANALYSIS

Randy Thomas
Project Manager

Lab No : **95428**
Sample ID : **V341220161300**

Matrix: **Solid**
Sampled: **12/20/2016 13:00**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
TCLP Metals Extraction	**Filtrate**			1	01/03/17 14:07	SAJ	SW-1311

Analytical Method: 6010C **Prep Batch(es):** **L316754** 01/04/17 08:25
Prep Method: 3005A

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Arsenic	**32.9**	mg/L	12.5	100	01/12/17 23:33	JTR	L317836
TCLP Barium	<12.5	mg/L	12.5 U	100	01/12/17 23:33	JTR	L317836
TCLP Cadmium	<2.50	mg/L	2.50 U	100	01/12/17 23:33	JTR	L317836
TCLP Chromium	**42800**	mg/L	50.0	1000	01/13/17 12:56	CCR	L317919
TCLP Lead	<5.00	mg/L	5.00 U	100	01/13/17 12:46	CCR	L317919
TCLP Selenium	<25.0	mg/L	25.0	100	01/12/17 23:33	JTR	L317836
TCLP Silver	<2.50	mg/L	2.50	100	01/12/17 23:33	JTR	L317836

Analytical Method: 7470A **Prep Batch(es):** **L316759** 01/04/17 08:45
Prep Method: 7470A

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Mercury	**0.244**	mg/L	0.200	10	01/04/17 12:30	KKM	L316849

gaw
01/16/17

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 01/13/2017
Received : 12/21/2016

Randell H. Thomas

Report Number : **16-356-0251**

REPORT OF ANALYSIS

Randy Thomas
Project Manager

Lab No : **95429**
Sample ID : **V341220161300**

Matrix: **Aqueous**
Sampled: **12/20/2016 13:00**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Acidity (as CaCO3)	**76500**	mg/L	100	1	12/30/16 10:44	DB2	2310B-2011
Alkalinity (as CaCO3)	~~<100~~	mg/L	100 U	1	01/03/17 10:29	DB2	2320B-2011
Cyanide, Amenable	~~<10.0~~	mg/L	10.0	1000	01/02/17 12:07	EWB	4500CNG-2011
Cyanide, Total	~~<10.0~~	mg/L	10.0	1000	12/31/16 12:30	EWB	4500CNE-2011
pH	**1.2**	s.u.		1	12/21/16 14:25	WRO	4500H+B-2011
Total Settleable Solids	~~<0.1~~	mL/L	0.1 U	1	12/21/16 11:26	EWB	2540F-2011
Total Solids	**112000**	mg/L	58	1	12/23/16 13:46	GHD	2540B-2011
Total Suspended Solids	**5** J	mg/L	2	1	12/21/16 15:10	KGL	2540D-2011
Sulfide	~~<25.0~~	mg/L	25.0 U	25	12/23/16 11:04	GHD	4500S2G-2011
Total Arsenic	**34.6**	mg/L	5.00	100	01/12/17 22:51	JTR	EPA-200.7
Total Barium	~~<5.00~~	mg/L	5.00 U	100	01/12/17 22:51	JTR	EPA-200.7
Total Cadmium	~~<1.00~~	mg/L	1.00 U	100	01/12/17 22:51	JTR	EPA-200.7
Total Chromium	**45700**	mg/L	25.0	1000	01/13/17 13:52	CCR	EPA-200.7
Total Copper	**424**	mg/L	2.50	100	01/12/17 22:51	JTR	EPA-200.7
Total Lead	~~<3.00~~	mg/L	3.00 U	100	01/13/17 13:43	CCR	EPA-200.7
Mercury (Total)	**0.361**	mg/L	0.100	500	12/28/16 13:07	KKM	EPA-245.1
Total Selenium	~~<5.00~~	mg/L	5.00 U	100	01/12/17 22:51	JTR	EPA-200.7
Total Silver	~~<2.50~~	mg/L	2.50 U	100	01/12/17 22:51	JTR	EPA-200.7
Total Sodium	**1750**	mg/L	250	100	01/12/17 22:51	JTR	EPA-200.7
Total Zinc	~~<5.00~~	mg/L	5.00 U	100	01/12/17 22:51	JTR	EPA-200.7
Sulfate	**6030**	mg/L	100	100	12/28/16 13:25	BKN	EPA-300.0
Sulfide (Reactivity)	~~<25.0~~	mg/L	25.0 U	1	12/23/16 11:04	GHD	SW-7.3.4

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

gaw
01/16/17

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 01/13/2017
Received : 12/21/2016

Randell H. Thomas

Report Number : **16-356-0251**

REPORT OF ANALYSIS

Randy Thomas
Project Manager

Lab No : **95430**
Sample ID : **V351220161320**

Matrix: **Solid**
Sampled: **12/20/2016 13:20**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
TCLP Metals Extraction	**Filtrate**			1	01/03/17 14:07	SAJ	SW-1311

Analytical Method: 6010C
Prep Method: 3005A
Prep Batch(es): **L316754** 01/04/17 08:25

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Arsenic	**25.2**	mg/L	12.5	100	01/12/17 23:46	JTR	L317836
TCLP Barium	~~<12.5~~	mg/L	12.5 U	100	01/12/17 23:46	JTR	L317836
TCLP Cadmium	~~<2.50~~	mg/L	2.50 U	100	01/12/17 23:46	JTR	L317836
TCLP Chromium	**20600**	mg/L	5.00	100	01/12/17 23:46	JTR	L317836
TCLP Lead	~~<5.00~~	mg/L	5.00 U	100	01/13/17 13:14	CCR	L317919
TCLP Selenium	~~<25.0~~	mg/L	25.0	100	01/12/17 23:46	JTR	L317836
TCLP Silver	~~<2.50~~	mg/L	2.50	100	01/12/17 23:46	JTR	L317836

Analytical Method: 7470A
Prep Method: 7470A
Prep Batch(es): **L316759** 01/04/17 08:45

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Mercury	~~<0.0200~~	mg/L	0.0200 U	1	01/04/17 12:40	KKM	L316849

gaw
01/16/17

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

Waypoint ANALYTICAL

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 01/13/2017
Received : 12/21/2016

Randell H. Thomas

Report Number : **16-356-0251**

REPORT OF ANALYSIS

Randy Thomas
Project Manager

Lab No : **95431**
Sample ID : **V351220161320**

Matrix: **Aqueous**
Sampled: **12/20/2016 13:20**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Acidity (as CaCO3)	**28500**	mg/L	100	1	12/30/16 10:44	DB2	2310B-2011
Alkalinity (as CaCO3)	<100	mg/L	100 U	1	01/03/17 10:29	DB2	2320B-2011
Cyanide, Amenable	<10.0	mg/L	10.0	1000	01/02/17 12:07	EWB	4500CNG-2011
Cyanide, Total	<10.0	mg/L	10.0	1000	12/31/16 12:30	EWB	4500CNE-2011
pH	**2.7**	s.u.		1	12/21/16 14:25	WRO	4500H+B-2011
Total Settleable Solids	<0.1	mL/L	0.1 U	1	12/22/16 09:06	EWB	2540F-2011
Total Solids	**57900**	mg/L	40	1	12/23/16 13:46	GHD	2540B-2011
Total Suspended Solids	<2	mg/L	2 U	1	12/21/16 16:30	KGL	2540D-2011
Sulfide	<25.0	mg/L	25.0	25	12/23/16 11:04	GHD	4500S2G-2011
Total Arsenic	<50.0	mg/L	50.0	1000	01/03/17 23:30	CCR	EPA-200.7
Total Barium	<50.0	mg/L	50.0	1000	01/03/17 23:30	CCR	EPA-200.7
Total Cadmium	<10.0	mg/L	10.0	1000	01/03/17 23:30	CCR	EPA-200.7
Total Chromium	**19500**	mg/L	25.0	1000	01/03/17 23:30	CCR	EPA-200.7
Total Copper	**237**	mg/L	0.250	10	12/30/16 03:06	CCR	EPA-200.7
Total Lead	<3.00	mg/L	3.00 UJ	100	12/30/16 04:43	CCR	EPA-200.7
Mercury (Total)	**0.0168**	mg/L	0.00200	10	12/28/16 13:09	KKM	EPA-245.1
Total Selenium	<50.0	mg/L	50.0 UJ	1000	01/03/17 23:30	CCR	EPA-200.7
Total Silver	<25.0	mg/L	25.0 U	1000	01/03/17 23:30	CCR	EPA-200.7
Total Sodium	**2560**	mg/L	2500	1000	01/03/17 23:30	CCR	EPA-200.7
Total Zinc	<50.0	mg/L	50.0 U	1000	01/03/17 23:30	CCR	EPA-200.7
Sulfate	**11000**	mg/L	100	100	12/28/16 13:35	BKN	EPA-300.0
Sulfide (Reactivity)	<25.0	mg/L	25.0 U	1	12/23/16 11:04	GHD	SW-7.3.4

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

gaw
01/16/17

DATA VALIDATION CHECKLIST – STAGE 2A

Site Name	Chromecraft Plating	**Project No.**	TT-01-061
Data Reviewer (signature and date)	Jessica A. Vickers January 16, 2017	**Laboratory/ Report No.**	Waypoint Analytical/16-356-0251
Analyses	Metals by EPA 200.7 and EPA 245.1, toxicity characteristic leaching procedure (TCLP) metals by SW1311/6010C and SW1311/7470A, acidity by SM2310B-2011, alkalinity by SM2320B-2011, amenable cyanide by SM4500CNG-2011, total cyanide by SM4500CNE-2011, pH by SM4500H+B-2011, sulfate by EPA 300.0, reactive sulfide by SW-846 Chapter 7.3.4, sulfide by SM4500S2G-2011, total settleable solids by SM2540F-2011, total solids by SM2540B-2011, and total suspended solids by SM2450D-2011		
Samples	V131220161400, V161220161500, V171220161515, V221220161535, and V311220161338		

This checklist summarizes the Stage 2A validation performed on the subject laboratory report, in accordance with the U.S. Environmental Protection Agency (EPA) *Guidance for Labeling Externally Validated Laboratory Analytical Data for Superfund Use* (January 2009). Analytical data were evaluated in general accordance with the EPA *National Functional Guidelines (NFG) for Inorganic Superfund Data Review* (September 2016) data validation guidance document, as well as the above referenced methods.

OVERALL EVALUATION:

No rejection of data was required for this data package. The data can be used with the qualifications indicated in this checklist.

Data completeness:

Within Criteria	Exceedance/Notes
Y	

Sample preservation, receipt, and holding times:

Within Criteria	Exceedance/Notes
Y	

1955 Evergreen Blvd., Ste. 300, Duluth, GA 30096
Tel 678.775.3080 Fax 678.775.3138
www.tetratech.com

Method blanks:

Within Criteria	Exceedance/Notes
Y	

Field blanks:

Within Criteria	Exceedance/Notes
NA	

System monitoring compounds (surrogates and labeled compounds):

Within Criteria	Exceedance/Notes
NA	

MS/MSD:

Within Criteria	Exceedance/Notes
N	MS/MSDs performed on non-project samples were not evaluated. V351220161320: High %Rs for chromium, copper, and sodium – no flag (parent results greater than four times spike concentrations) Low %Rs for lead and selenium – flag "UJ"

Post Digestion Spikes:

Within Criteria	Exceedance/Notes
Y	Post digestion spikes performed on non-project samples were not evaluated.

Laboratory duplicates:

Within Criteria	Exceedance/Notes
N	Laboratory duplicates performed on non-project samples were not evaluated. V91220161132: high RPD for total solids – flag "J" V341220161300: high RPD for total suspended solids – flag "J"

Field duplicates:

Within Criteria	Exceedance/Notes
NA	

LCSs/LCSDs:

Within Criteria	Exceedance/Notes
Y	

1955 Evergreen Blvd., Ste. 300, Duluth, GA 30096
Tel 678.775.3080 Fax 678.775.3138
www.tetratech.com

Sample dilutions:

Within Criteria	Exceedance/Notes
Y	10x: TCLP mercury for V341220161300 10x: copper and mercury for V351220161320 25x: sulfide for V91220161132, V341220161300, and V351220161320 100x: metals except mercury, TCLP metals except mercury, and sulfate for V91220161132 100x: metals except chromium and mercury and TCLP metals except chromium and mercury for V341220161300 100x: lead, TCLP metals except mercury, and sulfate for V351220161320 500x: mercury for V341220161300 1,000x: amenable cyanide and total cyanide for V91220161132 1,000x: chromium, TCLP chromium, amenable cyanide, and total cyanide for V341220161300 1,000x: metals except copper, lead, and mercury; amenable cyanide; total cyanide; and sulfate for V351220161320

Re-extraction and reanalysis:

Within Criteria	Exceedance/Notes
NA	

MDLs/RLs:

Within Criteria	Exceedance/Notes
Y	

DATA VALIDATION CHECKLIST – STAGE 2A

Overall Qualifications:

See results summary pages attached for changes to the laboratory qualifiers based upon this validation. The following is a list of qualifiers and definitions that may be used for the validation of this data package:

J	The analyte was positively identified; the associated value is the approximate concentration of the analyte in the sample.
J+	The analyte was positively identified; the associated value is the approximate concentration of the analyte in the sample and may be biased high.
J-	The analyte was positively identified; the associated value is the approximate concentration of the analyte in the sample and may be biased low.
NJ	The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated value is the approximate concentration of the analyte in the sample.
R	The sample result is rejected as unusable due to serious deficiencies in one or more quality control criteria. The analyte may or may not be present in the sample.
U	The analyte was analyzed for, but was not detected at or above the associated value (reporting limit).
UJ	The analyte was analyzed for, but was not detected at or above the associated value (reporting limit), which is considered approximate due to deficiencies in one or more quality control criteria.

1955 Evergreen Blvd., Ste. 300, Duluth, GA 30096
Tel 678.775.3080 Fax 678.775.3138
www.tetratech.com

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Lab No : **93317**
Sample ID : **Washroom**

Matrix: **Solid**
Sampled: **11/3/2016 14:10**

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Method
TCLP Metals Extraction	**Leachate**				1	11/15/16 13:57	SAJ	SW-1311

Analytical Method: 6010C **Prep Batch(es):** **L311089** 11/16/16 10:05
Prep Method: 3005A

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Arsenic	<0.025	mg/L	0.025	0.025	1	11/17/16 12:13	CCR	L311353
TCLP Barium	**0.275**	mg/L	0.025	0.025	1	11/16/16 20:16	CCR	L311198
TCLP Cadmium	**0.018**	mg/L	0.005	0.005	1	11/16/16 20:16	CCR	L311198
TCLP Chromium	<0.010	mg/L	0.010	0.010	1	11/16/16 20:16	CCR	L311198
TCLP Lead	<0.010	mg/L	0.010	0.010	1	11/16/16 20:16	CCR	L311198
TCLP Selenium	<0.050	mg/L	0.050	0.050	1	11/17/16 12:13	CCR	L311353
TCLP Silver	<0.005	mg/L	0.005	0.005	1	11/16/16 20:16	CCR	L311198

Analytical Method: 7470A **Prep Batch(es):** **L311067** 11/16/16 09:10
Prep Method: 7470A

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Mercury	<0.0200	mg/L	0.0200	0.0200	1	11/16/16 14:16	KKM	L311174

Qualifiers/ Definitions				
	DF	Dilution Factor	J	Estimated value
	MQL	Method Quantitation Limit	Q	RPD >40% dual column results

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Lab No : **93318**
Sample ID : **V2 - Liquid**

Matrix: **Aqueous**
Sampled: **11/3/2016 12:45**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
pH	**10.4**	s.u.		1	11/04/16 15:15	RRR	4500H+B-2011

Qualifiers/ Definitions				
	DF	Dilution Factor	J	Estimated value
	MQL	Method Quantitation Limit	Q	RPD >40% dual column results

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Lab No : **93319**
Sample ID : **V13 - Liquid**

Matrix: **Aqueous**
Sampled: **11/3/2016 13:00**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
pH	**1.0**	s.u.		1	11/04/16 15:15	RRR	4500H+B-2011

Qualifiers/ Definitions				
	DF	Dilution Factor	J	Estimated value
	MQL	Method Quantitation Limit	Q	RPD >40% dual column results

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Lab No : **93320**
Sample ID : **WT - A**

Matrix: **Aqueous**
Sampled: **11/3/2016 15:00**

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Method
Cyanide, Total	**0.019**	mg/L	0.003	0.005	1	11/07/16 10:53	EWB	4500CNE-2011
pH	**8.8**	s.u.			1	11/04/16 15:15	RRR	4500H+B-2011
Total Cadmium	<0.0005	mg/L	0.0005	0.0020	1	11/10/16 20:27	CCR	EPA-200.7
Total Chromium	**0.011**	mg/L	0.001	0.005	1	11/10/16 20:27	CCR	EPA-200.7
Total Copper	**0.010**	mg/L	0.002	0.005	1	11/10/16 20:27	CCR	EPA-200.7
Total Lead	<0.003	mg/L	0.003	0.006	1	11/10/16 20:27	CCR	EPA-200.7
Total Nickel	**0.526**	mg/L	0.002	0.005	1	11/10/16 20:27	CCR	EPA-200.7
Total Silver	<0.001	mg/L	0.001	0.005	1	11/10/16 20:27	CCR	EPA-200.7
Total Zinc	**0.006 J**	mg/L	0.002	0.010	1	11/10/16 20:27	CCR	EPA-200.7

Qualifiers/ Definitions				
	DF	Dilution Factor	J	Estimated value
	MQL	Method Quantitation Limit	Q	RPD >40% dual column results

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Lab No : **93320**
Sample ID : **WT - A**

Matrix: **Aqueous**
Sampled: **11/3/2016 15:00**

Analytical Method: 608 **Prep Batch(es):** **L309794** 11/07/16 09:40
Prep Method: EPA-608 (PREP)

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Aldrin	<0.00983	µg/L	0.00983	0.0400	10	11/07/16 19:58	VIC	L310017
alpha-BHC	<0.00700	µg/L	0.00700	0.0400	10	11/07/16 19:58	VIC	L310017
beta-BHC	<0.0193	µg/L	0.0193	0.0400	10	11/07/16 19:58	VIC	L310017
delta-BHC	<0.0143	µg/L	0.0143	0.0400	10	11/07/16 19:58	VIC	L310017
Chlordane	<0.0670	µg/L	0.0670	0.200	10	11/07/16 19:58	VIC	L310017
4,4'-DDD	<0.0120	µg/L	0.0120	0.0400	10	11/07/16 19:58	VIC	L310017
4,4'-DDE	<0.0101	µg/L	0.0101	0.0400	10	11/07/16 19:58	VIC	L310017
4,4'-DDT	<0.0138	µg/L	0.0138	0.0400	10	11/07/16 19:58	VIC	L310017
Dieldrin	<0.00942	µg/L	0.00942	0.0400	10	11/07/16 19:58	VIC	L310017
Alpha-endosulfan	<0.0182	µg/L	0.0182	0.0400	10	11/07/16 19:58	VIC	L310017
Beta-endosulfan	<0.0220	µg/L	0.0220	0.0400	10	11/07/16 19:58	VIC	L310017
Endosulfan Sulfate	<0.0240	µg/L	0.0240	0.0400	10	11/07/16 19:58	VIC	L310017
Endrin	<0.00327	µg/L	0.00327	0.0400	10	11/07/16 19:58	VIC	L310017
Endrin Aldehyde	<0.00503	µg/L	0.00503	0.0400	10	11/07/16 19:58	VIC	L310017
gamma-BHC	**0.00405 J**	µg/L	0.00305	0.0400	10	11/07/16 19:58	VIC	L310017
Heptachlor	<0.00275	µg/L	0.00275	0.0400	10	11/07/16 19:58	VIC	L310017
Heptachlor Epoxide	<0.00282	µg/L	0.00282	0.0400	10	11/07/16 19:58	VIC	L310017
Toxaphene	<0.100	µg/L	0.100	0.300	10	11/07/16 19:58	VIC	L310017
Surrogate: Decachlorobiphenyl	54.8		Limits: 36-116%		10	11/07/16 19:58	VIC	L310017
Surrogate: Tetrachloro-m-xylene	33.9		Limits: 25-123%		10	11/07/16 19:58	VIC	L310017

Qualifiers/ Definitions

DF	Dilution Factor	J	Estimated value
MQL	Method Quantitation Limit	Q	RPD >40% dual column results

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Lab No : **93320**
Sample ID : **WT - A**

Matrix: **Aqueous**
Sampled: **11/3/2016 15:00**

Analytical Method: 624 **Prep Batch(es):** **L310437** 11/10/16 09:39
Prep Method: EPA-624 (PREP)

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Acrolein	<17.2	µg/L	17.2	200	10	11/10/16 17:04	AGH	L310440
Acrylonitrile	<10.3	µg/L	10.3	200	10	11/10/16 17:04	AGH	L310440
Benzene	<1.47	µg/L	1.47	10.0	10	11/10/16 17:04	AGH	L310440
Bromodichloromethane	<2.04	µg/L	2.04	10.0	10	11/10/16 17:04	AGH	L310440
Bromoform	<4.65	µg/L	4.65	10.0	10	11/10/16 17:04	AGH	L310440
Bromomethane	<4.88	µg/L	4.88	10.0	10	11/10/16 17:04	AGH	L310440
Carbon Tetrachloride	<2.11	µg/L	2.11	10.0	10	11/10/16 17:04	AGH	L310440
Chlorobenzene	<4.52	µg/L	4.52	10.0	10	11/10/16 17:04	AGH	L310440
Chlorodibromomethane	<2.54	µg/L	2.54	10.0	10	11/10/16 17:04	AGH	L310440
Chloroethane	<5.92	µg/L	5.92	10.0	10	11/10/16 17:04	AGH	L310440
2-Chloroethylvinyl Ether	<8.02	µg/L	8.02	50.0	10	11/10/16 17:04	AGH	L310440
Chloroform	<1.97	µg/L	1.97	10.0	10	11/10/16 17:04	AGH	L310440
Chloromethane	<5.39	µg/L	5.39	10.0	10	11/10/16 17:04	AGH	L310440
Dichlorodifluoromethane	<7.12	µg/L	7.12	10.0	10	11/10/16 17:04	AGH	L310440
1,1-Dichloroethane	<1.68	µg/L	1.68	10.0	10	11/10/16 17:04	AGH	L310440
1,2-Dichloroethane	<1.00	µg/L	1.00	10.0	10	11/10/16 17:04	AGH	L310440
1,1-Dichloroethene	<1.38	µg/L	1.38	10.0	10	11/10/16 17:04	AGH	L310440
1,2-Trans-dichlorothylene	<1.73	µg/L	1.73	10.0	10	11/10/16 17:04	AGH	L310440
1,2-Dichloropropane	<3.29	µg/L	3.29	10.0	10	11/10/16 17:04	AGH	L310440
cis-1,3-Dichloropropene	<1.71	µg/L	1.71	10.0	10	11/10/16 17:04	AGH	L310440
trans-1,3-Dichloropropene	<2.33	µg/L	2.33	10.0	10	11/10/16 17:04	AGH	L310440
Ethylbenzene	<2.76	µg/L	2.76	10.0	10	11/10/16 17:04	AGH	L310440

Qualifiers/ Definitions

DF	Dilution Factor	J	Estimated value
MQL	Method Quantitation Limit	Q	RPD >40% dual column results

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Lab No : **93320**
Sample ID : **WT - A**

Matrix: **Aqueous**
Sampled: **11/3/2016 15:00**

Analytical Method: 624 **Prep Batch(es):** **L310437** 11/10/16 09:39
Prep Method: EPA-624 (PREP)

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Methylene Chloride	<37.5	µg/L	37.5	100	10	11/10/16 17:04	AGH	L310440
1,1,2,2-Tetrachloroethane	<4.82	µg/L	4.82	10.0	10	11/10/16 17:04	AGH	L310440
Tetrachloroethylene	<2.65	µg/L	2.65	10.0	10	11/10/16 17:04	AGH	L310440
Toluene	<2.03	µg/L	2.03	50.0	10	11/10/16 17:04	AGH	L310440
1,1,1-Trichloroethane	<1.63	µg/L	1.63	10.0	10	11/10/16 17:04	AGH	L310440
1,1,2-Trichloroethane	<2.16	µg/L	2.16	10.0	10	11/10/16 17:04	AGH	L310440
Trichloroethylene	<2.73	µg/L	2.73	10.0	10	11/10/16 17:04	AGH	L310440
Trichlorofluoromethane	<3.08	µg/L	3.08	10.0	10	11/10/16 17:04	AGH	L310440
Vinyl Chloride	<3.94	µg/L	3.94	10.0	10	11/10/16 17:04	AGH	L310440
Surrogate: 4-Bromofluorobenzene	99.6		Limits: 71-131%		10	11/10/16 17:04	AGH	L310440
Surrogate: Dibromofluoromethane	71.4		Limits: 70-128%		10	11/10/16 17:04	AGH	L310440
Surrogate: 1,2-Dichloroethane - d4	72.0		Limits: 67-136%		10	11/10/16 17:04	AGH	L310440
Surrogate: Toluene-d8	80.0		Limits: 70-130%		10	11/10/16 17:04	AGH	L310440

Analytical Method: 625 **Prep Batch(es):** **L310032** 11/08/16 13:40
Prep Method: 625

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Acenaphthene	<0.480	µg/L	0.480	2.00	1	11/08/16 18:58	CGC	L310168
Acenaphthylene	<0.418	µg/L	0.418	2.00	1	11/08/16 18:58	CGC	L310168
Anthracene	<0.452	µg/L	0.452	2.00	1	11/08/16 18:58	CGC	L310168
Benzidine	<1.08	µg/L	1.08	20.0	1	11/08/16 18:58	CGC	L310168
Benzo(a)anthracene	<0.263	µg/L	0.263	2.00	1	11/08/16 18:58	CGC	L310168

Qualifiers/ Definitions

DF	Dilution Factor	J	Estimated value
MQL	Method Quantitation Limit	Q	RPD >40% dual column results

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Lab No : **93320**
Sample ID : **WT - A**

Matrix: **Aqueous**
Sampled: **11/3/2016 15:00**

Analytical Method: 625 **Prep Batch(es):** **L310032** 11/08/16 13:40
Prep Method: 625

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Benzo(a)pyrene	<0.238	µg/L	0.238	2.00	1	11/08/16 18:58	CGC	L310168
Benzo(b)fluoranthene	<0.315	µg/L	0.315	2.00	1	11/08/16 18:58	CGC	L310168
Benzo(g,h,i)perylene	<0.501	µg/L	0.501	2.00	1	11/08/16 18:58	CGC	L310168
Benzo(k)fluoranthene	<0.422	µg/L	0.422	2.00	1	11/08/16 18:58	CGC	L310168
Bis(2-Chloroethoxy)methane	<0.307	µg/L	0.307	5.00	1	11/08/16 18:58	CGC	L310168
Bis(2-Chloroethyl)ether	<0.482	µg/L	0.482	5.00	1	11/08/16 18:58	CGC	L310168
Bis(2-Chloroisopropyl)ether	<0.568	µg/L	0.568	5.00	1	11/08/16 18:58	CGC	L310168
Bis(2-ethylhexyl)phthalate	<0.534	µg/L	0.534	10.0	1	11/08/16 18:58	CGC	L310168
4-Bromophenyl phenyl ether	<0.415	µg/L	0.415	5.00	1	11/08/16 18:58	CGC	L310168
Butyl benzyl phthalate	<0.378	µg/L	0.378	5.00	1	11/08/16 18:58	CGC	L310168
4-Chloro-3-methylphenol	<0.343	µg/L	0.343	5.00	1	11/08/16 18:58	CGC	L310168
2-Chloronaphthalene	<0.544	µg/L	0.544	5.00	1	11/08/16 18:58	CGC	L310168
2-Chlorophenol	<0.520	µg/L	0.520	5.00	1	11/08/16 18:58	CGC	L310168
4-Chlorophenyl phenyl ether	<0.230	µg/L	0.230	5.00	1	11/08/16 18:58	CGC	L310168
Chrysene	<0.373	µg/L	0.373	2.00	1	11/08/16 18:58	CGC	L310168
Dibenz(a,h)anthracene	<0.325	µg/L	0.325	2.00	1	11/08/16 18:58	CGC	L310168
1,2-Dichlorobenzene	<0.731	µg/L	0.731	5.00	1	11/08/16 18:58	CGC	L310168
1,3-Dichlorobenzene	<0.726	µg/L	0.726	5.00	1	11/08/16 18:58	CGC	L310168
1,4-Dichlorobenzene	<0.547	µg/L	0.547	5.00	1	11/08/16 18:58	CGC	L310168
3,3'-Dichlorobenzidine	<0.664	µg/L	0.664	5.00	1	11/08/16 18:58	CGC	L310168
2,4-Dichlorophenol	**0.518 J**	µg/L	0.317	5.00	1	11/08/16 18:58	CGC	L310168
Diethyl phthalate	<0.234	µg/L	0.234	5.00	1	11/08/16 18:58	CGC	L310168

Qualifiers/ Definitions

DF	Dilution Factor	J	Estimated value
MQL	Method Quantitation Limit	Q	RPD >40% dual column results

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Lab No : **93320**
Sample ID : **WT - A**

Matrix: **Aqueous**
Sampled: **11/3/2016 15:00**

Analytical Method: 625 **Prep Batch(es):** **L310032** 11/08/16 13:40
Prep Method: 625

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Dimethyl phthalate	<0.384	µg/L	0.384	5.00	1	11/08/16 18:58	CGC	L310168
2,4-Dimethylphenol	<0.842	µg/L	0.842	5.00	1	11/08/16 18:58	CGC	L310168
Di-n-butyl phthalate	<0.401	µg/L	0.401	5.00	1	11/08/16 18:58	CGC	L310168
4,6-Dinitro-o-cresol	<0.454	µg/L	0.454	10.0	1	11/08/16 18:58	CGC	L310168
2,4-Dinitrophenol	<0.229	µg/L	0.229	5.00	1	11/08/16 18:58	CGC	L310168
2,4-Dinitrotoluene	<0.958	µg/L	0.958	5.00	1	11/08/16 18:58	CGC	L310168
2,6-Dinitrotoluene	<0.705	µg/L	0.705	5.00	1	11/08/16 18:58	CGC	L310168
Di-n-Octyl Phthalate	<0.353	µg/L	0.353	5.00	1	11/08/16 18:58	CGC	L310168
1,2-Diphenylhydrazine/Azobenzene	<0.408	µg/L	0.408	5.00	1	11/08/16 18:58	CGC	L310168
Fluoranthene	<0.439	µg/L	0.439	2.00	1	11/08/16 18:58	CGC	L310168
Fluorene	<0.292	µg/L	0.292	2.00	1	11/08/16 18:58	CGC	L310168
Hexachlorobenzene	<0.310	µg/L	0.310	5.00	1	11/08/16 18:58	CGC	L310168
Hexachlorobutadiene	<0.653	µg/L	0.653	5.00	1	11/08/16 18:58	CGC	L310168
Hexachlorocyclopentadiene	<0.232	µg/L	0.232	5.00	1	11/08/16 18:58	CGC	L310168
Hexachloroethane	<0.582	µg/L	0.582	5.00	1	11/08/16 18:58	CGC	L310168
Indeno(1,2,3-cd)pyrene	<0.518	µg/L	0.518	2.00	1	11/08/16 18:58	CGC	L310168
Isophorone	<0.189	µg/L	0.189	5.00	1	11/08/16 18:58	CGC	L310168
Naphthalene	<0.304	µg/L	0.304	2.00	1	11/08/16 18:58	CGC	L310168
Nitrobenzene	<0.355	µg/L	0.355	5.00	1	11/08/16 18:58	CGC	L310168
2-Nitrophenol	<0.504	µg/L	0.504	5.00	1	11/08/16 18:58	CGC	L310168
4-Nitrophenol	<0.373	µg/L	0.373	20.0	1	11/08/16 18:58	CGC	L310168
N-Nitrosodimethylamine	<0.370	µg/L	0.370	5.00	1	11/08/16 18:58	CGC	L310168

Qualifiers/ Definitions				
	DF	Dilution Factor	J	Estimated value
	MQL	Method Quantitation Limit	Q	RPD >40% dual column results

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Lab No : **93320**
Sample ID : **WT - A**

Matrix: **Aqueous**
Sampled: **11/3/2016 15:00**

Analytical Method: 625 **Prep Batch(es):** **L310032** 11/08/16 13:40
Prep Method: 625

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
N-Nitrosodiphenylamine	<0.406	µg/L	0.406	10.0	1	11/08/16 18:58	CGC	L310168
N-Nitroso-di-n-propylamine	<0.561	µg/L	0.561	5.00	1	11/08/16 18:58	CGC	L310168
Pentachlorophenol	<0.540	µg/L	0.540	5.00	1	11/08/16 18:58	CGC	L310168
Phenanthrene	<0.455	µg/L	0.455	2.00	1	11/08/16 18:58	CGC	L310168
Phenol	<0.258	µg/L	0.258	5.00	1	11/08/16 18:58	CGC	L310168
Pyrene	<0.526	µg/L	0.526	2.00	1	11/08/16 18:58	CGC	L310168
1,2,4-Trichlorobenzene	<0.494	µg/L	0.494	5.00	1	11/08/16 18:58	CGC	L310168
2,4,6-Trichlorophenol	<0.415	µg/L	0.415	5.00	1	11/08/16 18:58	CGC	L310168
Surrogate: 2-Fluorobiphenyl	61.4		Limits: 38-107%		1	11/08/16 18:58	CGC	L310168
Surrogate: 2-Fluorophenol	29.4		Limits: 8-88%		1	11/08/16 18:58	CGC	L310168
Surrogate: Nitrobenzene-d5	57.2		Limits: 29-105%		1	11/08/16 18:58	CGC	L310168
Surrogate: Phenol-d6	21.1		Limits: 7-58%		1	11/08/16 18:58	CGC	L310168
Surrogate: 4-Terphenyl-d14	76.6		Limits: 30-130%		1	11/08/16 18:58	CGC	L310168
Surrogate: 2,4,6-Tribromophenol	79.9		Limits: 16-138%		1	11/08/16 18:58	CGC	L310168

Analytical Method: 625 Screen **Prep Batch(es):** **L309824** 11/07/16 10:40
Prep Method: 625

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch	
Dioxin (2,3,7,8-TCDD) screen	<0.200	µg/L	0.200	1.00	1	11/09/16 00:36	RQE	L310125	~

Qualifiers/ Definitions				
	DF	Dilution Factor	J	Estimated value
	MQL	Method Quantitation Limit	Q	RPD >40% dual column results

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Lab No : **93320**
Sample ID : **WT - A**

Matrix: **Aqueous**
Sampled: **11/3/2016 15:00**

Analytical Method: EPA-608 (PCB) **Prep Batch(es):** **L309792** 11/07/16 09:40
Prep Method: EPA-608 (PCB Prep)

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Aroclor 1016	<0.0351	µg/L	0.0351	0.200	1	11/07/16 18:29	VIC	L310057
Aroclor 1221	<0.167	µg/L	0.167	0.200	1	11/07/16 18:29	VIC	L310057
Aroclor 1232	<0.167	µg/L	0.167	0.200	1	11/07/16 18:29	VIC	L310057
Aroclor 1242	<0.167	µg/L	0.167	0.200	1	11/07/16 18:29	VIC	L310057
Aroclor 1248	<0.167	µg/L	0.167	0.200	1	11/07/16 18:29	VIC	L310057
Aroclor 1254	<0.167	µg/L	0.167	0.200	1	11/07/16 18:29	VIC	L310057
Aroclor 1260	<0.0513	µg/L	0.0513	0.200	1	11/07/16 18:29	VIC	L310057
Surrogate: Decachlorobiphenyl	75.4		Limits: 25-125%		1	11/07/16 18:29	VIC	L310057
Surrogate: Tetrachloro-m-xylene	79.9		Limits: 25-125%		1	11/07/16 18:29	VIC	L310057

Qualifiers/ Definitions				
	DF	Dilution Factor	J	Estimated value
	MQL	Method Quantitation Limit	Q	RPD >40% dual column results

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Lab No : **93321**
Sample ID : **WT - B**

Matrix: **Aqueous**
Sampled: **11/3/2016 15:15**

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Method
Cyanide, Total	**0.190**	mg/L	0.003	0.005	1	11/07/16 10:53	EWB	4500CNE-2011
pH	**8.5**	s.u.			1	11/04/16 15:15	RRR	4500H+B-2011
Total Cadmium	<0.0005	mg/L	0.0005	0.0020	1	11/10/16 20:32	CCR	EPA-200.7
Total Chromium	**0.005**	mg/L	0.001	0.005	1	11/10/16 20:32	CCR	EPA-200.7
Total Copper	**0.097**	mg/L	0.002	0.005	1	11/10/16 20:32	CCR	EPA-200.7
Total Lead	**0.011**	mg/L	0.003	0.006	1	11/10/16 20:32	CCR	EPA-200.7
Total Nickel	**3.88**	mg/L	0.002	0.005	1	11/10/16 20:32	CCR	EPA-200.7
Total Silver	<0.001	mg/L	0.001	0.005	1	11/10/16 20:32	CCR	EPA-200.7
Total Zinc	**0.006 J**	mg/L	0.002	0.010	1	11/10/16 20:32	CCR	EPA-200.7

Qualifiers/ Definitions				
	DF	Dilution Factor	J	Estimated value
	MQL	Method Quantitation Limit	Q	RPD >40% dual column results

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Lab No : **93321**
Sample ID : **WT - B**

Matrix: **Aqueous**
Sampled: **11/3/2016 15:15**

Analytical Method: 608 **Prep Batch(es):** **L309794** 11/07/16 09:40
Prep Method: EPA-608 (PREP)

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Aldrin	<0.0197	µg/L	0.0197	0.0800	10	11/07/16 20:15	VIC	L310017
alpha-BHC	<0.0140	µg/L	0.0140	0.0800	10	11/07/16 20:15	VIC	L310017
beta-BHC	<0.0387	µg/L	0.0387	0.0800	10	11/07/16 20:15	VIC	L310017
delta-BHC	<0.0285	µg/L	0.0285	0.0800	10	11/07/16 20:15	VIC	L310017
Chlordane	<0.134	µg/L	0.134	0.400	10	11/07/16 20:15	VIC	L310017
4,4'-DDD	**0.0269 JQ**	µg/L	0.0240	0.0800	10	11/07/16 20:15	VIC	L310017
4,4'-DDE	<0.0201	µg/L	0.0201	0.0800	10	11/07/16 20:15	VIC	L310017
4,4'-DDT	<0.0276	µg/L	0.0276	0.0800	10	11/07/16 20:15	VIC	L310017
Dieldrin	<0.0188	µg/L	0.0188	0.0800	10	11/07/16 20:15	VIC	L310017
Alpha-endosulfan	<0.0364	µg/L	0.0364	0.0800	10	11/07/16 20:15	VIC	L310017
Beta-endosulfan	<0.0439	µg/L	0.0439	0.0800	10	11/07/16 20:15	VIC	L310017
Endosulfan Sulfate	<0.0480	µg/L	0.0480	0.0800	10	11/07/16 20:15	VIC	L310017
Endrin	<0.00654	µg/L	0.00654	0.0800	10	11/07/16 20:15	VIC	L310017
Endrin Aldehyde	**0.0140 JQ**	µg/L	0.0101	0.0800	10	11/07/16 20:15	VIC	L310017
gamma-BHC	<0.00610	µg/L	0.00610	0.0800	10	11/07/16 20:15	VIC	L310017
Heptachlor	<0.00550	µg/L	0.00550	0.0800	10	11/07/16 20:15	VIC	L310017
Heptachlor Epoxide	<0.00564	µg/L	0.00564	0.0800	10	11/07/16 20:15	VIC	L310017
Toxaphene	<0.200	µg/L	0.200	0.600	10	11/07/16 20:15	VIC	L310017
Surrogate: Decachlorobiphenyl	60.0		Limits: 36-116%		10	11/07/16 20:15	VIC	L310017
Surrogate: Tetrachloro-m-xylene	36.3		Limits: 25-123%		10	11/07/16 20:15	VIC	L310017

Qualifiers/ Definitions

DF	Dilution Factor	J	Estimated value
MQL	Method Quantitation Limit	Q	RPD >40% dual column results

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Lab No : **93321**
Sample ID : **WT - B**

Matrix: **Aqueous**
Sampled: **11/3/2016 15:15**

Analytical Method: 624 **Prep Batch(es):** **L310437** 11/10/16 09:39
Prep Method: EPA-624 (PREP)

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Acrolein	<17.2	µg/L	17.2	200	10	11/10/16 17:45	AGH	L310440
Acrylonitrile	<10.3	µg/L	10.3	200	10	11/10/16 17:45	AGH	L310440
Benzene	<1.47	µg/L	1.47	10.0	10	11/10/16 17:45	AGH	L310440
Bromodichloromethane	<2.04	µg/L	2.04	10.0	10	11/10/16 17:45	AGH	L310440
Bromoform	<4.65	µg/L	4.65	10.0	10	11/10/16 17:45	AGH	L310440
Bromomethane	<4.88	µg/L	4.88	10.0	10	11/10/16 17:45	AGH	L310440
Carbon Tetrachloride	<2.11	µg/L	2.11	10.0	10	11/10/16 17:45	AGH	L310440
Chlorobenzene	<4.52	µg/L	4.52	10.0	10	11/10/16 17:45	AGH	L310440
Chlorodibromomethane	<2.54	µg/L	2.54	10.0	10	11/10/16 17:45	AGH	L310440
Chloroethane	<5.92	µg/L	5.92	10.0	10	11/10/16 17:45	AGH	L310440
2-Chloroethylvinyl Ether	<8.02	µg/L	8.02	50.0	10	11/10/16 17:45	AGH	L310440
Chloroform	<1.97	µg/L	1.97	10.0	10	11/10/16 17:45	AGH	L310440
Chloromethane	<5.39	µg/L	5.39	10.0	10	11/10/16 17:45	AGH	L310440
Dichlorodifluoromethane	<7.12	µg/L	7.12	10.0	10	11/10/16 17:45	AGH	L310440
1,1-Dichloroethane	<1.68	µg/L	1.68	10.0	10	11/10/16 17:45	AGH	L310440
1,2-Dichloroethane	<1.00	µg/L	1.00	10.0	10	11/10/16 17:45	AGH	L310440
1,1-Dichloroethene	<1.38	µg/L	1.38	10.0	10	11/10/16 17:45	AGH	L310440
1,2-Trans-dichlorothylene	<1.73	µg/L	1.73	10.0	10	11/10/16 17:45	AGH	L310440
1,2-Dichloropropane	<3.29	µg/L	3.29	10.0	10	11/10/16 17:45	AGH	L310440
cis-1,3-Dichloropropene	<1.71	µg/L	1.71	10.0	10	11/10/16 17:45	AGH	L310440
trans-1,3-Dichloropropene	<2.33	µg/L	2.33	10.0	10	11/10/16 17:45	AGH	L310440
Ethylbenzene	<2.76	µg/L	2.76	10.0	10	11/10/16 17:45	AGH	L310440

Qualifiers/ Definitions

DF	Dilution Factor	J	Estimated value
MQL	Method Quantitation Limit	Q	RPD >40% dual column results

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Lab No : **93321**
Sample ID : **WT - B**

Matrix: **Aqueous**
Sampled: **11/3/2016 15:15**

Analytical Method: 624 **Prep Batch(es):** **L310437** 11/10/16 09:39
Prep Method: EPA-624 (PREP)

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Methylene Chloride	<37.5	µg/L	37.5	100	10	11/10/16 17:45	AGH	L310440
1,1,2,2-Tetrachloroethane	<4.82	µg/L	4.82	10.0	10	11/10/16 17:45	AGH	L310440
Tetrachloroethylene	<2.65	µg/L	2.65	10.0	10	11/10/16 17:45	AGH	L310440
Toluene	<2.03	µg/L	2.03	50.0	10	11/10/16 17:45	AGH	L310440
1,1,1-Trichloroethane	<1.63	µg/L	1.63	10.0	10	11/10/16 17:45	AGH	L310440
1,1,2-Trichloroethane	<2.16	µg/L	2.16	10.0	10	11/10/16 17:45	AGH	L310440
Trichloroethylene	<2.73	µg/L	2.73	10.0	10	11/10/16 17:45	AGH	L310440
Trichlorofluoromethane	<3.08	µg/L	3.08	10.0	10	11/10/16 17:45	AGH	L310440
Vinyl Chloride	<3.94	µg/L	3.94	10.0	10	11/10/16 17:45	AGH	L310440
Surrogate: 4-Bromofluorobenzene	108		Limits: 71-131%		10	11/10/16 17:45	AGH	L310440
Surrogate: Dibromofluoromethane	84.8		Limits: 70-128%		10	11/10/16 17:45	AGH	L310440
Surrogate: 1,2-Dichloroethane - d4	77.0		Limits: 67-136%		10	11/10/16 17:45	AGH	L310440
Surrogate: Toluene-d8	76.0		Limits: 70-130%		10	11/10/16 17:45	AGH	L310440

Analytical Method: 625 **Prep Batch(es):** **L310032** 11/08/16 13:40
Prep Method: 625

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Acenaphthene	<0.960	µg/L	0.960	4.00	1	11/08/16 19:26	CGC	L310168
Acenaphthylene	<0.836	µg/L	0.836	4.00	1	11/08/16 19:26	CGC	L310168
Anthracene	<0.905	µg/L	0.905	4.00	1	11/08/16 19:26	CGC	L310168
Benzidine	<2.16	µg/L	2.16	40.0	1	11/08/16 19:26	CGC	L310168
Benzo(a)anthracene	<0.526	µg/L	0.526	4.00	1	11/08/16 19:26	CGC	L310168

Qualifiers/ Definitions

DF	Dilution Factor	J	Estimated value
MQL	Method Quantitation Limit	Q	RPD >40% dual column results

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Lab No : **93321**
Sample ID : **WT - B**

Matrix: **Aqueous**
Sampled: **11/3/2016 15:15**

Analytical Method: 625 **Prep Batch(es):** **L310032** 11/08/16 13:40
Prep Method: 625

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Benzo(a)pyrene	<0.477	µg/L	0.477	4.00	1	11/08/16 19:26	CGC	L310168
Benzo(b)fluoranthene	<0.631	µg/L	0.631	4.00	1	11/08/16 19:26	CGC	L310168
Benzo(g,h,i)perylene	<1.00	µg/L	1.00	4.00	1	11/08/16 19:26	CGC	L310168
Benzo(k)fluoranthene	<0.845	µg/L	0.845	4.00	1	11/08/16 19:26	CGC	L310168
Bis(2-Chloroethoxy)methane	<0.615	µg/L	0.615	10.0	1	11/08/16 19:26	CGC	L310168
Bis(2-Chloroethyl)ether	<0.965	µg/L	0.965	10.0	1	11/08/16 19:26	CGC	L310168
Bis(2-Chloroisopropyl)ether	<1.14	µg/L	1.14	10.0	1	11/08/16 19:26	CGC	L310168
Bis(2-ethylhexyl)phthalate	<1.07	µg/L	1.07	20.0	1	11/08/16 19:26	CGC	L310168
4-Bromophenyl phenyl ether	<0.831	µg/L	0.831	10.0	1	11/08/16 19:26	CGC	L310168
Butyl benzyl phthalate	<0.757	µg/L	0.757	10.0	1	11/08/16 19:26	CGC	L310168
4-Chloro-3-methylphenol	<0.686	µg/L	0.686	10.0	1	11/08/16 19:26	CGC	L310168
2-Chloronaphthalene	<1.09	µg/L	1.09	10.0	1	11/08/16 19:26	CGC	L310168
2-Chlorophenol	<1.04	µg/L	1.04	10.0	1	11/08/16 19:26	CGC	L310168
4-Chlorophenyl phenyl ether	<0.461	µg/L	0.461	10.0	1	11/08/16 19:26	CGC	L310168
Chrysene	<0.746	µg/L	0.746	4.00	1	11/08/16 19:26	CGC	L310168
Dibenz(a,h)anthracene	<0.651	µg/L	0.651	4.00	1	11/08/16 19:26	CGC	L310168
1,2-Dichlorobenzene	<1.46	µg/L	1.46	10.0	1	11/08/16 19:26	CGC	L310168
1,3-Dichlorobenzene	<1.45	µg/L	1.45	10.0	1	11/08/16 19:26	CGC	L310168
1,4-Dichlorobenzene	<1.09	µg/L	1.09	10.0	1	11/08/16 19:26	CGC	L310168
3,3'-Dichlorobenzidine	<1.33	µg/L	1.33	10.0	1	11/08/16 19:26	CGC	L310168
2,4-Dichlorophenol	**1.12 J**	µg/L	0.635	10.0	1	11/08/16 19:26	CGC	L310168
Diethyl phthalate	<0.469	µg/L	0.469	10.0	1	11/08/16 19:26	CGC	L310168

Qualifiers/ Definitions

DF	Dilution Factor	J	Estimated value
MQL	Method Quantitation Limit	Q	RPD >40% dual column results

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Lab No : **93321**
Sample ID : **WT - B**

Matrix: **Aqueous**
Sampled: **11/3/2016 15:15**

Analytical Method: 625 **Prep Batch(es):** **L310032** 11/08/16 13:40
Prep Method: 625

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Dimethyl phthalate	<0.769	µg/L	0.769	10.0	1	11/08/16 19:26	CGC	L310168
2,4-Dimethylphenol	<1.69	µg/L	1.69	10.0	1	11/08/16 19:26	CGC	L310168
Di-n-butyl phthalate	<0.803	µg/L	0.803	10.0	1	11/08/16 19:26	CGC	L310168
4,6-Dinitro-o-cresol	<0.908	µg/L	0.908	20.0	1	11/08/16 19:26	CGC	L310168
2,4-Dinitrophenol	<0.458	µg/L	0.458	10.0	1	11/08/16 19:26	CGC	L310168
2,4-Dinitrotoluene	<1.92	µg/L	1.92	10.0	1	11/08/16 19:26	CGC	L310168
2,6-Dinitrotoluene	<1.41	µg/L	1.41	10.0	1	11/08/16 19:26	CGC	L310168
Di-n-Octyl Phthalate	<0.707	µg/L	0.707	10.0	1	11/08/16 19:26	CGC	L310168
1,2-Diphenylhydrazine/Azobenzene	<0.817	µg/L	0.817	10.0	1	11/08/16 19:26	CGC	L310168
Fluoranthene	<0.879	µg/L	0.879	4.00	1	11/08/16 19:26	CGC	L310168
Fluorene	<0.585	µg/L	0.585	4.00	1	11/08/16 19:26	CGC	L310168
Hexachlorobenzene	<0.621	µg/L	0.621	10.0	1	11/08/16 19:26	CGC	L310168
Hexachlorobutadiene	<1.31	µg/L	1.31	10.0	1	11/08/16 19:26	CGC	L310168
Hexachlorocyclopentadiene	<0.464	µg/L	0.464	10.0	1	11/08/16 19:26	CGC	L310168
Hexachloroethane	<1.17	µg/L	1.17	10.0	1	11/08/16 19:26	CGC	L310168
Indeno(1,2,3-cd)pyrene	<1.04	µg/L	1.04	4.00	1	11/08/16 19:26	CGC	L310168
Isophorone	<0.379	µg/L	0.379	10.0	1	11/08/16 19:26	CGC	L310168
Naphthalene	<0.608	µg/L	0.608	4.00	1	11/08/16 19:26	CGC	L310168
Nitrobenzene	<0.710	µg/L	0.710	10.0	1	11/08/16 19:26	CGC	L310168
2-Nitrophenol	<1.01	µg/L	1.01	10.0	1	11/08/16 19:26	CGC	L310168
4-Nitrophenol	<0.746	µg/L	0.746	40.0	1	11/08/16 19:26	CGC	L310168
N-Nitrosodimethylamine	<0.741	µg/L	0.741	10.0	1	11/08/16 19:26	CGC	L310168

Qualifiers/ Definitions				
	DF	Dilution Factor	J	Estimated value
	MQL	Method Quantitation Limit	Q	RPD >40% dual column results

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Lab No : **93321**
Sample ID : **WT - B**

Matrix: **Aqueous**
Sampled: **11/3/2016 15:15**

Analytical Method: 625 **Prep Batch(es):** **L310032** 11/08/16 13:40
Prep Method: 625

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
N-Nitrosodiphenylamine	<0.812	µg/L	0.812	20.0	1	11/08/16 19:26	CGC	L310168
N-Nitroso-di-n-propylamine	<1.12	µg/L	1.12	10.0	1	11/08/16 19:26	CGC	L310168
Pentachlorophenol	<1.08	µg/L	1.08	10.0	1	11/08/16 19:26	CGC	L310168
Phenanthrene	<0.911	µg/L	0.911	4.00	1	11/08/16 19:26	CGC	L310168
Phenol	<0.517	µg/L	0.517	10.0	1	11/08/16 19:26	CGC	L310168
Pyrene	<1.05	µg/L	1.05	4.00	1	11/08/16 19:26	CGC	L310168
1,2,4-Trichlorobenzene	<0.988	µg/L	0.988	10.0	1	11/08/16 19:26	CGC	L310168
2,4,6-Trichlorophenol	<0.831	µg/L	0.831	10.0	1	11/08/16 19:26	CGC	L310168
Surrogate: 2-Fluorobiphenyl	47.1		Limits: 38-107%		1	11/08/16 19:26	CGC	L310168
Surrogate: 2-Fluorophenol	30.5		Limits: 8-88%		1	11/08/16 19:26	CGC	L310168
Surrogate: Nitrobenzene-d5	49.0		Limits: 29-105%		1	11/08/16 19:26	CGC	L310168
Surrogate: Phenol-d6	21.1		Limits: 7-58%		1	11/08/16 19:26	CGC	L310168
Surrogate: 4-Terphenyl-d14	53.0		Limits: 30-130%		1	11/08/16 19:26	CGC	L310168
Surrogate: 2,4,6-Tribromophenol	60.3		Limits: 16-138%		1	11/08/16 19:26	CGC	L310168

Analytical Method: 625 Screen **Prep Batch(es):** **L309824** 11/07/16 10:40
Prep Method: 625

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch	
Dioxin (2,3,7,8-TCDD) screen	<0.400	µg/L	0.400	1.00	1	11/09/16 01:08	RQE	L310125	~

Qualifiers/ Definitions				
	DF	Dilution Factor	J	Estimated value
	MQL	Method Quantitation Limit	Q	RPD >40% dual column results

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Lab No : **93321**
Sample ID : **WT - B**

Matrix: **Aqueous**
Sampled: **11/3/2016 15:15**

Analytical Method: EPA-608 (PCB) **Prep Batch(es):** **L309792** 11/07/16 09:40
Prep Method: EPA-608 (PCB Prep)

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Aroclor 1016	<0.0702	µg/L	0.0702	0.400	1	11/07/16 18:45	VIC	L310057
Aroclor 1221	<0.334	µg/L	0.334	0.400	1	11/07/16 18:45	VIC	L310057
Aroclor 1232	<0.334	µg/L	0.334	0.400	1	11/07/16 18:45	VIC	L310057
Aroclor 1242	<0.334	µg/L	0.334	0.400	1	11/07/16 18:45	VIC	L310057
Aroclor 1248	<0.334	µg/L	0.334	0.400	1	11/07/16 18:45	VIC	L310057
Aroclor 1254	<0.334	µg/L	0.334	0.400	1	11/07/16 18:45	VIC	L310057
Aroclor 1260	<0.103	µg/L	0.103	0.400	1	11/07/16 18:45	VIC	L310057
Surrogate: Decachlorobiphenyl	58.8		Limits: 25-125%		1	11/07/16 18:45	VIC	L310057
Surrogate: Tetrachloro-m-xylene	42.3		Limits: 25-125%		1	11/07/16 18:45	VIC	L310057

Qualifiers/ Definitions				
	DF	Dilution Factor	J	Estimated value
	MQL	Method Quantitation Limit	Q	RPD >40% dual column results

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Lab No : **93322**
Sample ID : **WT - Overflow**

Matrix: **Aqueous**
Sampled: **11/3/2016 15:30**

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Method
Cyanide, Total	**0.043**	mg/L	0.003	0.005	1	11/07/16 10:53	EWB	4500CNE-2011
pH	**9.7**	s.u.			1	11/04/16 15:15	RRR	4500H+B-2011
Total Cadmium	<0.0005	mg/L	0.0005	0.0020	1	11/10/16 20:37	CCR	EPA-200.7
Total Chromium	**3.14**	mg/L	0.001	0.005	1	11/10/16 20:37	CCR	EPA-200.7
Total Copper	**0.510**	mg/L	0.002	0.005	1	11/10/16 20:37	CCR	EPA-200.7
Total Lead	**0.038**	mg/L	0.003	0.006	1	11/10/16 20:37	CCR	EPA-200.7
Total Nickel	**12.0**	mg/L	0.002	0.005	1	11/10/16 20:37	CCR	EPA-200.7
Total Silver	<0.001	mg/L	0.001	0.005	1	11/10/16 20:37	CCR	EPA-200.7
Total Zinc	**0.128**	mg/L	0.002	0.010	1	11/10/16 20:37	CCR	EPA-200.7

Qualifiers/ Definitions

DF	Dilution Factor	J	Estimated value
MQL	Method Quantitation Limit	Q	RPD >40% dual column results

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Lab No : **93322**
Sample ID : **WT - Overflow**

Matrix: **Aqueous**
Sampled: **11/3/2016 15:30**

Analytical Method: 608 **Prep Batch(es):** **L309794** 11/07/16 09:40
Prep Method: EPA-608 (PREP)

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Aldrin	<0.00983	µg/L	0.00983	0.0400	10	11/07/16 20:33	VIC	L310017
alpha-BHC	<0.00700	µg/L	0.00700	0.0400	10	11/07/16 20:33	VIC	L310017
beta-BHC	<0.0193	µg/L	0.0193	0.0400	10	11/07/16 20:33	VIC	L310017
delta-BHC	**1.03 Q**	µg/L	0.0143	0.0400	10	11/07/16 20:33	VIC	L310017
Chlordane	<0.0670	µg/L	0.0670	0.200	10	11/07/16 20:33	VIC	L310017
4,4'-DDD	**0.0251 JQ**	µg/L	0.0120	0.0400	10	11/07/16 20:33	VIC	L310017
4,4'-DDE	<0.0101	µg/L	0.0101	0.0400	10	11/07/16 20:33	VIC	L310017
4,4'-DDT	<0.0138	µg/L	0.0138	0.0400	10	11/07/16 20:33	VIC	L310017
Dieldrin	<0.00942	µg/L	0.00942	0.0400	10	11/07/16 20:33	VIC	L310017
Alpha-endosulfan	<0.0182	µg/L	0.0182	0.0400	10	11/07/16 20:33	VIC	L310017
Beta-endosulfan	<0.0220	µg/L	0.0220	0.0400	10	11/07/16 20:33	VIC	L310017
Endosulfan Sulfate	<0.0240	µg/L	0.0240	0.0400	10	11/07/16 20:33	VIC	L310017
Endrin	<0.00327	µg/L	0.00327	0.0400	10	11/07/16 20:33	VIC	L310017
Endrin Aldehyde	<0.00503	µg/L	0.00503	0.0400	10	11/07/16 20:33	VIC	L310017
gamma-BHC	**0.0114 JQ**	µg/L	0.00305	0.0400	10	11/07/16 20:33	VIC	L310017
Heptachlor	<0.00275	µg/L	0.00275	0.0400	10	11/07/16 20:33	VIC	L310017
Heptachlor Epoxide	<0.00282	µg/L	0.00282	0.0400	10	11/07/16 20:33	VIC	L310017
Toxaphene	<0.100	µg/L	0.100	0.300	10	11/07/16 20:33	VIC	L310017
Surrogate: Decachlorobiphenyl	38.9		Limits: 36-116%		10	11/07/16 20:33	VIC	L310017
Surrogate: Tetrachloro-m-xylene	29.9		Limits: 25-123%		10	11/07/16 20:33	VIC	L310017

Qualifiers/ Definitions

DF	Dilution Factor	J	Estimated value
MQL	Method Quantitation Limit	Q	RPD >40% dual column results

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Lab No : **93322**
Sample ID : **WT - Overflow**

Matrix: **Aqueous**
Sampled: **11/3/2016 15:30**

Analytical Method: 624 **Prep Batch(es):** **L310437** 11/10/16 09:39
Prep Method: EPA-624 (PREP)

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Acrolein	<17.2	µg/L	17.2	200	10	11/10/16 18:27	AGH	L310440
Acrylonitrile	<10.3	µg/L	10.3	200	10	11/10/16 18:27	AGH	L310440
Benzene	<1.47	µg/L	1.47	10.0	10	11/10/16 18:27	AGH	L310440
Bromodichloromethane	<2.04	µg/L	2.04	10.0	10	11/10/16 18:27	AGH	L310440
Bromoform	<4.65	µg/L	4.65	10.0	10	11/10/16 18:27	AGH	L310440
Bromomethane	<4.88	µg/L	4.88	10.0	10	11/10/16 18:27	AGH	L310440
Carbon Tetrachloride	<2.11	µg/L	2.11	10.0	10	11/10/16 18:27	AGH	L310440
Chlorobenzene	<4.52	µg/L	4.52	10.0	10	11/10/16 18:27	AGH	L310440
Chlorodibromomethane	<2.54	µg/L	2.54	10.0	10	11/10/16 18:27	AGH	L310440
Chloroethane	<5.92	µg/L	5.92	10.0	10	11/10/16 18:27	AGH	L310440
2-Chloroethylvinyl Ether	<8.02	µg/L	8.02	50.0	10	11/10/16 18:27	AGH	L310440
Chloroform	<1.97	µg/L	1.97	10.0	10	11/10/16 18:27	AGH	L310440
Chloromethane	<5.39	µg/L	5.39	10.0	10	11/10/16 18:27	AGH	L310440
Dichlorodifluoromethane	<7.12	µg/L	7.12	10.0	10	11/10/16 18:27	AGH	L310440
1,1-Dichloroethane	<1.68	µg/L	1.68	10.0	10	11/10/16 18:27	AGH	L310440
1,2-Dichloroethane	<1.00	µg/L	1.00	10.0	10	11/10/16 18:27	AGH	L310440
1,1-Dichloroethene	<1.38	µg/L	1.38	10.0	10	11/10/16 18:27	AGH	L310440
1,2-Trans-dichlorothylene	<1.73	µg/L	1.73	10.0	10	11/10/16 18:27	AGH	L310440
1,2-Dichloropropane	<3.29	µg/L	3.29	10.0	10	11/10/16 18:27	AGH	L310440
cis-1,3-Dichloropropene	<1.71	µg/L	1.71	10.0	10	11/10/16 18:27	AGH	L310440
trans-1,3-Dichloropropene	<2.33	µg/L	2.33	10.0	10	11/10/16 18:27	AGH	L310440
Ethylbenzene	<2.76	µg/L	2.76	10.0	10	11/10/16 18:27	AGH	L310440

Qualifiers/ Definitions

DF	Dilution Factor	J	Estimated value
MQL	Method Quantitation Limit	Q	RPD >40% dual column results

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Lab No : **93322**
Sample ID : **WT - Overflow**

Matrix: **Aqueous**
Sampled: **11/3/2016 15:30**

Analytical Method: 624 **Prep Batch(es):** **L310437** 11/10/16 09:39
Prep Method: EPA-624 (PREP)

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Methylene Chloride	<37.5	µg/L	37.5	100	10	11/10/16 18:27	AGH	L310440
1,1,2,2-Tetrachloroethane	<4.82	µg/L	4.82	10.0	10	11/10/16 18:27	AGH	L310440
Tetrachloroethylene	<2.65	µg/L	2.65	10.0	10	11/10/16 18:27	AGH	L310440
Toluene	<2.03	µg/L	2.03	50.0	10	11/10/16 18:27	AGH	L310440
1,1,1-Trichloroethane	<1.63	µg/L	1.63	10.0	10	11/10/16 18:27	AGH	L310440
1,1,2-Trichloroethane	<2.16	µg/L	2.16	10.0	10	11/10/16 18:27	AGH	L310440
Trichloroethylene	<2.73	µg/L	2.73	10.0	10	11/10/16 18:27	AGH	L310440
Trichlorofluoromethane	<3.08	µg/L	3.08	10.0	10	11/10/16 18:27	AGH	L310440
Vinyl Chloride	<3.94	µg/L	3.94	10.0	10	11/10/16 18:27	AGH	L310440
Surrogate: 4-Bromofluorobenzene	100		Limits: 71-131%		10	11/10/16 18:27	AGH	L310440
Surrogate: Dibromofluoromethane	72.2		Limits: 70-128%		10	11/10/16 18:27	AGH	L310440
Surrogate: 1,2-Dichloroethane - d4	69.4		Limits: 67-136%		10	11/10/16 18:27	AGH	L310440
Surrogate: Toluene-d8	80.0		Limits: 70-130%		10	11/10/16 18:27	AGH	L310440

Analytical Method: 625 **Prep Batch(es):** **L310032** 11/08/16 13:40
Prep Method: 625

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Acenaphthene	<0.480	µg/L	0.480	2.00	1	11/10/16 14:13	CGC	L310168
Acenaphthylene	<0.418	µg/L	0.418	2.00	1	11/10/16 14:13	CGC	L310168
Anthracene	<0.452	µg/L	0.452	2.00	1	11/10/16 14:13	CGC	L310168
Benzidine	<1.08	µg/L	1.08	20.0	1	11/10/16 14:13	CGC	L310168
Benzo(a)anthracene	<0.263	µg/L	0.263	2.00	1	11/10/16 14:13	CGC	L310168

Qualifiers/ Definitions

DF	Dilution Factor	J	Estimated value
MQL	Method Quantitation Limit	Q	RPD >40% dual column results

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Lab No : **93322**
Sample ID : **WT - Overflow**

Matrix: **Aqueous**
Sampled: **11/3/2016 15:30**

Analytical Method: 625
Prep Method: 625
Prep Batch(es): **L310032** 11/08/16 13:40

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Benzo(a)pyrene	<0.238	µg/L	0.238	2.00	1	11/10/16 14:13	CGC	L310168
Benzo(b)fluoranthene	<0.315	µg/L	0.315	2.00	1	11/10/16 14:13	CGC	L310168
Benzo(g,h,i)perylene	<0.501	µg/L	0.501	2.00	1	11/10/16 14:13	CGC	L310168
Benzo(k)fluoranthene	<0.422	µg/L	0.422	2.00	1	11/10/16 14:13	CGC	L310168
Bis(2-Chloroethoxy)methane	<0.307	µg/L	0.307	5.00	1	11/10/16 14:13	CGC	L310168
Bis(2-Chloroethyl)ether	<0.482	µg/L	0.482	5.00	1	11/10/16 14:13	CGC	L310168
Bis(2-Chloroisopropyl)ether	<0.568	µg/L	0.568	5.00	1	11/10/16 14:13	CGC	L310168
Bis(2-ethylhexyl)phthalate	<0.534	µg/L	0.534	10.0	1	11/10/16 14:13	CGC	L310168
4-Bromophenyl phenyl ether	<0.415	µg/L	0.415	5.00	1	11/10/16 14:13	CGC	L310168
Butyl benzyl phthalate	<0.378	µg/L	0.378	5.00	1	11/10/16 14:13	CGC	L310168
4-Chloro-3-methylphenol	<0.343	µg/L	0.343	5.00	1	11/10/16 14:13	CGC	L310168
2-Chloronaphthalene	<0.544	µg/L	0.544	5.00	1	11/10/16 14:13	CGC	L310168
2-Chlorophenol	<0.520	µg/L	0.520	5.00	1	11/10/16 14:13	CGC	L310168
4-Chlorophenyl phenyl ether	<0.230	µg/L	0.230	5.00	1	11/10/16 14:13	CGC	L310168
Chrysene	<0.373	µg/L	0.373	2.00	1	11/10/16 14:13	CGC	L310168
Dibenz(a,h)anthracene	<0.325	µg/L	0.325	2.00	1	11/10/16 14:13	CGC	L310168
1,2-Dichlorobenzene	<0.731	µg/L	0.731	5.00	1	11/10/16 14:13	CGC	L310168
1,3-Dichlorobenzene	<0.726	µg/L	0.726	5.00	1	11/10/16 14:13	CGC	L310168
1,4-Dichlorobenzene	<0.547	µg/L	0.547	5.00	1	11/10/16 14:13	CGC	L310168
3,3'-Dichlorobenzidine	<0.664	µg/L	0.664	5.00	1	11/10/16 14:13	CGC	L310168
2,4-Dichlorophenol	<0.317	µg/L	0.317	5.00	1	11/10/16 14:13	CGC	L310168
Diethyl phthalate	<0.234	µg/L	0.234	5.00	1	11/10/16 14:13	CGC	L310168

Qualifiers/ Definitions

DF	Dilution Factor	J	Estimated value
MQL	Method Quantitation Limit	Q	RPD >40% dual column results

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Lab No : **93322**
Sample ID : **WT - Overflow**

Matrix: **Aqueous**
Sampled: **11/3/2016 15:30**

Analytical Method: 625 **Prep Batch(es):** **L310032** 11/08/16 13:40
Prep Method: 625

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Dimethyl phthalate	<0.384	µg/L	0.384	5.00	1	11/10/16 14:13	CGC	L310168
2,4-Dimethylphenol	<0.842	µg/L	0.842	5.00	1	11/10/16 14:13	CGC	L310168
Di-n-butyl phthalate	<0.401	µg/L	0.401	5.00	1	11/10/16 14:13	CGC	L310168
4,6-Dinitro-o-cresol	<0.454	µg/L	0.454	10.0	1	11/10/16 14:13	CGC	L310168
2,4-Dinitrophenol	<0.229	µg/L	0.229	5.00	1	11/10/16 14:13	CGC	L310168
2,4-Dinitrotoluene	<0.958	µg/L	0.958	5.00	1	11/10/16 14:13	CGC	L310168
2,6-Dinitrotoluene	<0.705	µg/L	0.705	5.00	1	11/10/16 14:13	CGC	L310168
Di-n-Octyl Phthalate	<0.353	µg/L	0.353	5.00	1	11/10/16 14:13	CGC	L310168
1,2-Diphenylhydrazine/Azobenzene	<0.408	µg/L	0.408	5.00	1	11/10/16 14:13	CGC	L310168
Fluoranthene	<0.439	µg/L	0.439	2.00	1	11/10/16 14:13	CGC	L310168
Fluorene	<0.292	µg/L	0.292	2.00	1	11/10/16 14:13	CGC	L310168
Hexachlorobenzene	<0.310	µg/L	0.310	5.00	1	11/10/16 14:13	CGC	L310168
Hexachlorobutadiene	<0.653	µg/L	0.653	5.00	1	11/10/16 14:13	CGC	L310168
Hexachlorocyclopentadiene	<0.232	µg/L	0.232	5.00	1	11/10/16 14:13	CGC	L310168
Hexachloroethane	<0.582	µg/L	0.582	5.00	1	11/10/16 14:13	CGC	L310168
Indeno(1,2,3-cd)pyrene	<0.518	µg/L	0.518	2.00	1	11/10/16 14:13	CGC	L310168
Isophorone	<0.189	µg/L	0.189	5.00	1	11/10/16 14:13	CGC	L310168
Naphthalene	<0.304	µg/L	0.304	2.00	1	11/10/16 14:13	CGC	L310168
Nitrobenzene	<0.355	µg/L	0.355	5.00	1	11/10/16 14:13	CGC	L310168
2-Nitrophenol	<0.504	µg/L	0.504	5.00	1	11/10/16 14:13	CGC	L310168
4-Nitrophenol	<0.373	µg/L	0.373	20.0	1	11/10/16 14:13	CGC	L310168
N-Nitrosodimethylamine	<0.370	µg/L	0.370	5.00	1	11/10/16 14:13	CGC	L310168

Qualifiers/ Definitions				
	DF	Dilution Factor	J	Estimated value
	MQL	Method Quantitation Limit	Q	RPD >40% dual column results

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Lab No : **93322**
Sample ID : **WT - Overflow**

Matrix: **Aqueous**
Sampled: **11/3/2016 15:30**

Analytical Method: 625 **Prep Batch(es):** **L310032** 11/08/16 13:40
Prep Method: 625

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
N-Nitrosodiphenylamine	<0.406	µg/L	0.406	10.0	1	11/10/16 14:13	CGC	L310168
N-Nitroso-di-n-propylamine	<0.561	µg/L	0.561	5.00	1	11/10/16 14:13	CGC	L310168
Pentachlorophenol	<0.540	µg/L	0.540	5.00	1	11/10/16 14:13	CGC	L310168
Phenanthrene	<0.455	µg/L	0.455	2.00	1	11/10/16 14:13	CGC	L310168
Phenol	<0.258	µg/L	0.258	5.00	1	11/10/16 14:13	CGC	L310168
Pyrene	<0.526	µg/L	0.526	2.00	1	11/10/16 14:13	CGC	L310168
1,2,4-Trichlorobenzene	<0.494	µg/L	0.494	5.00	1	11/10/16 14:13	CGC	L310168
2,4,6-Trichlorophenol	**0.863 J**	µg/L	0.415	5.00	1	11/10/16 14:13	CGC	L310168
Surrogate: 2-Fluorobiphenyl	47.0		Limits: 38-107%		1	11/10/16 14:13	CGC	L310168
Surrogate: 2-Fluorophenol	24.3		Limits: 8-88%		1	11/10/16 14:13	CGC	L310168
Surrogate: Nitrobenzene-d5	43.7		Limits: 29-105%		1	11/10/16 14:13	CGC	L310168
Surrogate: Phenol-d6	20.7		Limits: 7-58%		1	11/10/16 14:13	CGC	L310168
Surrogate: 4-Terphenyl-d14	62.6		Limits: 30-130%		1	11/10/16 14:13	CGC	L310168
Surrogate: 2,4,6-Tribromophenol	55.0		Limits: 16-138%		1	11/10/16 14:13	CGC	L310168

Analytical Method: 625 Screen **Prep Batch(es):** **L309824** 11/07/16 10:40
Prep Method: 625

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch	
Dioxin (2,3,7,8-TCDD) screen	<0.200	µg/L	0.200	1.00	1	11/09/16 01:39	RQE	L310125	~

Qualifiers/ Definitions				
	DF	Dilution Factor	J	Estimated value
	MQL	Method Quantitation Limit	Q	RPD >40% dual column results

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Lab No : **93322**
Sample ID : **WT - Overflow**

Matrix: **Aqueous**
Sampled: **11/3/2016 15:30**

Analytical Method: EPA-608 (PCB) **Prep Batch(es):** **L309792** 11/07/16 09:40
Prep Method: EPA-608 (PCB Prep)

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Aroclor 1016	<0.0351	µg/L	0.0351	0.200	1	11/07/16 19:02	VIC	L310057
Aroclor 1221	<0.167	µg/L	0.167	0.200	1	11/07/16 19:02	VIC	L310057
Aroclor 1232	<0.167	µg/L	0.167	0.200	1	11/07/16 19:02	VIC	L310057
Aroclor 1242	<0.167	µg/L	0.167	0.200	1	11/07/16 19:02	VIC	L310057
Aroclor 1248	<0.167	µg/L	0.167	0.200	1	11/07/16 19:02	VIC	L310057
Aroclor 1254	<0.167	µg/L	0.167	0.200	1	11/07/16 19:02	VIC	L310057
Aroclor 1260	<0.0513	µg/L	0.0513	0.200	1	11/07/16 19:02	VIC	L310057
Surrogate: Decachlorobiphenyl	61.1		Limits: 25-125%		1	11/07/16 19:02	VIC	L310057
Surrogate: Tetrachloro-m-xylene	53.2		Limits: 25-125%		1	11/07/16 19:02	VIC	L310057

Qualifiers/ Definitions				
	DF	Dilution Factor	J	Estimated value
	MQL	Method Quantitation Limit	Q	RPD >40% dual column results

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Lab No : **93323**
Sample ID : **WT - ST**

Matrix: **Aqueous**
Sampled: **11/3/2016 15:45**

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Method
Cyanide, Total	<0.003	mg/L	0.003	0.005	1	11/07/16 10:53	EWB	4500CNE-2011
pH	**8.4**	s.u.			1	11/04/16 15:15	RRR	4500H+B-2011
Total Cadmium	<0.0005	mg/L	0.0005	0.0020	1	11/10/16 20:51	CCR	EPA-200.7
Total Chromium	**0.027**	mg/L	0.001	0.005	1	11/10/16 20:51	CCR	EPA-200.7
Total Copper	**0.037**	mg/L	0.002	0.005	1	11/10/16 20:51	CCR	EPA-200.7
Total Lead	<0.003	mg/L	0.003	0.006	1	11/10/16 20:51	CCR	EPA-200.7
Total Nickel	**0.921**	mg/L	0.002	0.005	1	11/10/16 20:51	CCR	EPA-200.7
Total Silver	<0.001	mg/L	0.001	0.005	1	11/10/16 20:51	CCR	EPA-200.7
Total Zinc	**0.011**	mg/L	0.002	0.010	1	11/10/16 20:51	CCR	EPA-200.7

Qualifiers/ Definitions				
	DF	Dilution Factor	J	Estimated value
	MQL	Method Quantitation Limit	Q	RPD >40% dual column results

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Lab No : **93323**
Sample ID : **WT - ST**

Matrix: **Aqueous**
Sampled: **11/3/2016 15:45**

Analytical Method: 608 **Prep Batch(es):** **L309794** 11/07/16 09:40
Prep Method: EPA-608 (PREP)

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Aldrin	<0.00983	µg/L	0.00983	0.0400	10	11/07/16 20:50	VIC	L310017
alpha-BHC	<0.00700	µg/L	0.00700	0.0400	10	11/07/16 20:50	VIC	L310017
beta-BHC	<0.0193	µg/L	0.0193	0.0400	10	11/07/16 20:50	VIC	L310017
delta-BHC	<0.0143	µg/L	0.0143	0.0400	10	11/07/16 20:50	VIC	L310017
Chlordane	<0.0670	µg/L	0.0670	0.200	10	11/07/16 20:50	VIC	L310017
4,4'-DDD	**0.0261 J**	µg/L	0.0120	0.0400	10	11/07/16 20:50	VIC	L310017
4,4'-DDE	<0.0101	µg/L	0.0101	0.0400	10	11/07/16 20:50	VIC	L310017
4,4'-DDT	<0.0138	µg/L	0.0138	0.0400	10	11/07/16 20:50	VIC	L310017
Dieldrin	<0.00942	µg/L	0.00942	0.0400	10	11/07/16 20:50	VIC	L310017
Alpha-endosulfan	<0.0182	µg/L	0.0182	0.0400	10	11/07/16 20:50	VIC	L310017
Beta-endosulfan	<0.0220	µg/L	0.0220	0.0400	10	11/07/16 20:50	VIC	L310017
Endosulfan Sulfate	<0.0240	µg/L	0.0240	0.0400	10	11/07/16 20:50	VIC	L310017
Endrin	<0.00327	µg/L	0.00327	0.0400	10	11/07/16 20:50	VIC	L310017
Endrin Aldehyde	**0.0150 JQ**	µg/L	0.00503	0.0400	10	11/07/16 20:50	VIC	L310017
gamma-BHC	<0.00305	µg/L	0.00305	0.0400	10	11/07/16 20:50	VIC	L310017
Heptachlor	<0.00275	µg/L	0.00275	0.0400	10	11/07/16 20:50	VIC	L310017
Heptachlor Epoxide	<0.00282	µg/L	0.00282	0.0400	10	11/07/16 20:50	VIC	L310017
Toxaphene	<0.100	µg/L	0.100	0.300	10	11/07/16 20:50	VIC	L310017
Surrogate: Decachlorobiphenyl	68.4		Limits: 36-116%		10	11/07/16 20:50	VIC	L310017
Surrogate: Tetrachloro-m-xylene	33.9		Limits: 25-123%		10	11/07/16 20:50	VIC	L310017

Qualifiers/ Definitions

DF	Dilution Factor	J	Estimated value
MQL	Method Quantitation Limit	Q	RPD >40% dual column results

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Lab No : **93323**
Sample ID : **WT - ST**

Matrix: **Aqueous**
Sampled: **11/3/2016 15:45**

Analytical Method: 624 **Prep Batch(es):** **L310437** 11/10/16 09:39
Prep Method: EPA-624 (PREP)

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Acrolein	<1.72	µg/L	1.72	20.0	1	11/10/16 19:08	AGH	L310440
Acrylonitrile	<1.03	µg/L	1.03	20.0	1	11/10/16 19:08	AGH	L310440
Benzene	<0.147	µg/L	0.147	1.00	1	11/10/16 19:08	AGH	L310440
Bromodichloromethane	<0.204	µg/L	0.204	1.00	1	11/10/16 19:08	AGH	L310440
Bromoform	<0.465	µg/L	0.465	1.00	1	11/10/16 19:08	AGH	L310440
Bromomethane	<0.488	µg/L	0.488	1.00	1	11/10/16 19:08	AGH	L310440
Carbon Tetrachloride	<0.211	µg/L	0.211	1.00	1	11/10/16 19:08	AGH	L310440
Chlorobenzene	<0.452	µg/L	0.452	1.00	1	11/10/16 19:08	AGH	L310440
Chlorodibromomethane	<0.254	µg/L	0.254	1.00	1	11/10/16 19:08	AGH	L310440
Chloroethane	<0.592	µg/L	0.592	1.00	1	11/10/16 19:08	AGH	L310440
2-Chloroethylvinyl Ether	<0.802	µg/L	0.802	5.00	1	11/10/16 19:08	AGH	L310440
Chloroform	<0.197	µg/L	0.197	1.00	1	11/10/16 19:08	AGH	L310440
Chloromethane	<0.539	µg/L	0.539	1.00	1	11/10/16 19:08	AGH	L310440
Dichlorodifluoromethane	<0.712	µg/L	0.712	1.00	1	11/10/16 19:08	AGH	L310440
1,1-Dichloroethane	<0.168	µg/L	0.168	1.00	1	11/10/16 19:08	AGH	L310440
1,2-Dichloroethane	<0.100	µg/L	0.100	1.00	1	11/10/16 19:08	AGH	L310440
1,1-Dichloroethene	<0.138	µg/L	0.138	1.00	1	11/10/16 19:08	AGH	L310440
1,2-Trans-dichlorothylene	<0.173	µg/L	0.173	1.00	1	11/10/16 19:08	AGH	L310440
1,2-Dichloropropane	<0.329	µg/L	0.329	1.00	1	11/10/16 19:08	AGH	L310440
cis-1,3-Dichloropropene	<0.171	µg/L	0.171	1.00	1	11/10/16 19:08	AGH	L310440
trans-1,3-Dichloropropene	<0.233	µg/L	0.233	1.00	1	11/10/16 19:08	AGH	L310440
Ethylbenzene	<0.276	µg/L	0.276	1.00	1	11/10/16 19:08	AGH	L310440

Qualifiers/ Definitions

DF	Dilution Factor	J	Estimated value
MQL	Method Quantitation Limit	Q	RPD >40% dual column results

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Lab No : **93323**
Sample ID : **WT - ST**

Matrix: **Aqueous**
Sampled: **11/3/2016 15:45**

Analytical Method: 624 **Prep Batch(es):** **L310437** 11/10/16 09:39
Prep Method: EPA-624 (PREP)

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Methylene Chloride	<3.75	µg/L	3.75	10.0	1	11/10/16 19:08	AGH	L310440
1,1,2,2-Tetrachloroethane	<0.482	µg/L	0.482	1.00	1	11/10/16 19:08	AGH	L310440
Tetrachloroethylene	<0.265	µg/L	0.265	1.00	1	11/10/16 19:08	AGH	L310440
Toluene	<0.203	µg/L	0.203	5.00	1	11/10/16 19:08	AGH	L310440
1,1,1-Trichloroethane	<0.163	µg/L	0.163	1.00	1	11/10/16 19:08	AGH	L310440
1,1,2-Trichloroethane	<0.216	µg/L	0.216	1.00	1	11/10/16 19:08	AGH	L310440
Trichloroethylene	<0.273	µg/L	0.273	1.00	1	11/10/16 19:08	AGH	L310440
Trichlorofluoromethane	<0.308	µg/L	0.308	1.00	1	11/10/16 19:08	AGH	L310440
Vinyl Chloride	<0.394	µg/L	0.394	1.00	1	11/10/16 19:08	AGH	L310440
Surrogate: 4-Bromofluorobenzene	107		Limits: 71-131%		1	11/10/16 19:08	AGH	L310440
Surrogate: Dibromofluoromethane	70.6		Limits: 70-128%		1	11/10/16 19:08	AGH	L310440
Surrogate: 1,2-Dichloroethane - d4	74.2		Limits: 67-136%		1	11/10/16 19:08	AGH	L310440
Surrogate: Toluene-d8	78.2		Limits: 70-130%		1	11/10/16 19:08	AGH	L310440

Analytical Method: 625 **Prep Batch(es):** **L310032** 11/08/16 13:40
Prep Method: 625

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Acenaphthene	<0.480	µg/L	0.480	2.00	1	11/08/16 20:20	CGC	L310168
Acenaphthylene	<0.418	µg/L	0.418	2.00	1	11/08/16 20:20	CGC	L310168
Anthracene	<0.452	µg/L	0.452	2.00	1	11/08/16 20:20	CGC	L310168
Benzidine	<1.08	µg/L	1.08	20.0	1	11/08/16 20:20	CGC	L310168
Benzo(a)anthracene	<0.263	µg/L	0.263	2.00	1	11/08/16 20:20	CGC	L310168

Qualifiers/ Definitions

DF	Dilution Factor	J	Estimated value
MQL	Method Quantitation Limit	Q	RPD >40% dual column results

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Lab No : **93323**
Sample ID : **WT - ST**

Matrix: **Aqueous**
Sampled: **11/3/2016 15:45**

Analytical Method: 625 **Prep Batch(es):** **L310032** 11/08/16 13:40
Prep Method: 625

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Benzo(a)pyrene	<0.238	µg/L	0.238	2.00	1	11/08/16 20:20	CGC	L310168
Benzo(b)fluoranthene	<0.315	µg/L	0.315	2.00	1	11/08/16 20:20	CGC	L310168
Benzo(g,h,i)perylene	<0.501	µg/L	0.501	2.00	1	11/08/16 20:20	CGC	L310168
Benzo(k)fluoranthene	<0.422	µg/L	0.422	2.00	1	11/08/16 20:20	CGC	L310168
Bis(2-Chloroethoxy)methane	<0.307	µg/L	0.307	5.00	1	11/08/16 20:20	CGC	L310168
Bis(2-Chloroethyl)ether	<0.482	µg/L	0.482	5.00	1	11/08/16 20:20	CGC	L310168
Bis(2-Chloroisopropyl)ether	<0.568	µg/L	0.568	5.00	1	11/08/16 20:20	CGC	L310168
Bis(2-ethylhexyl)phthalate	<0.534	µg/L	0.534	10.0	1	11/08/16 20:20	CGC	L310168
4-Bromophenyl phenyl ether	<0.415	µg/L	0.415	5.00	1	11/08/16 20:20	CGC	L310168
Butyl benzyl phthalate	<0.378	µg/L	0.378	5.00	1	11/08/16 20:20	CGC	L310168
4-Chloro-3-methylphenol	<0.343	µg/L	0.343	5.00	1	11/08/16 20:20	CGC	L310168
2-Chloronaphthalene	<0.544	µg/L	0.544	5.00	1	11/08/16 20:20	CGC	L310168
2-Chlorophenol	<0.520	µg/L	0.520	5.00	1	11/08/16 20:20	CGC	L310168
4-Chlorophenyl phenyl ether	<0.230	µg/L	0.230	5.00	1	11/08/16 20:20	CGC	L310168
Chrysene	<0.373	µg/L	0.373	2.00	1	11/08/16 20:20	CGC	L310168
Dibenz(a,h)anthracene	<0.325	µg/L	0.325	2.00	1	11/08/16 20:20	CGC	L310168
1,2-Dichlorobenzene	<0.731	µg/L	0.731	5.00	1	11/08/16 20:20	CGC	L310168
1,3-Dichlorobenzene	<0.726	µg/L	0.726	5.00	1	11/08/16 20:20	CGC	L310168
1,4-Dichlorobenzene	<0.547	µg/L	0.547	5.00	1	11/08/16 20:20	CGC	L310168
3,3'-Dichlorobenzidine	<0.664	µg/L	0.664	5.00	1	11/08/16 20:20	CGC	L310168
2,4-Dichlorophenol	<0.317	µg/L	0.317	5.00	1	11/08/16 20:20	CGC	L310168
Diethyl phthalate	<0.234	µg/L	0.234	5.00	1	11/08/16 20:20	CGC	L310168

Qualifiers/ Definitions

DF	Dilution Factor	J	Estimated value
MQL	Method Quantitation Limit	Q	RPD >40% dual column results

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Lab No : **93323**
Sample ID : **WT - ST**

Matrix: **Aqueous**
Sampled: **11/3/2016 15:45**

Analytical Method: 625 **Prep Batch(es):** **L310032** 11/08/16 13:40
Prep Method: 625

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Dimethyl phthalate	<0.384	µg/L	0.384	5.00	1	11/08/16 20:20	CGC	L310168
2,4-Dimethylphenol	<0.842	µg/L	0.842	5.00	1	11/08/16 20:20	CGC	L310168
Di-n-butyl phthalate	<0.401	µg/L	0.401	5.00	1	11/08/16 20:20	CGC	L310168
4,6-Dinitro-o-cresol	<0.454	µg/L	0.454	10.0	1	11/08/16 20:20	CGC	L310168
2,4-Dinitrophenol	<0.229	µg/L	0.229	5.00	1	11/08/16 20:20	CGC	L310168
2,4-Dinitrotoluene	<0.958	µg/L	0.958	5.00	1	11/08/16 20:20	CGC	L310168
2,6-Dinitrotoluene	<0.705	µg/L	0.705	5.00	1	11/08/16 20:20	CGC	L310168
Di-n-Octyl Phthalate	<0.353	µg/L	0.353	5.00	1	11/08/16 20:20	CGC	L310168
1,2-Diphenylhydrazine/Azobenzene	<0.408	µg/L	0.408	5.00	1	11/08/16 20:20	CGC	L310168
Fluoranthene	<0.439	µg/L	0.439	2.00	1	11/08/16 20:20	CGC	L310168
Fluorene	<0.292	µg/L	0.292	2.00	1	11/08/16 20:20	CGC	L310168
Hexachlorobenzene	<0.310	µg/L	0.310	5.00	1	11/08/16 20:20	CGC	L310168
Hexachlorobutadiene	<0.653	µg/L	0.653	5.00	1	11/08/16 20:20	CGC	L310168
Hexachlorocyclopentadiene	<0.232	µg/L	0.232	5.00	1	11/08/16 20:20	CGC	L310168
Hexachloroethane	<0.582	µg/L	0.582	5.00	1	11/08/16 20:20	CGC	L310168
Indeno(1,2,3-cd)pyrene	<0.518	µg/L	0.518	2.00	1	11/08/16 20:20	CGC	L310168
Isophorone	<0.189	µg/L	0.189	5.00	1	11/08/16 20:20	CGC	L310168
Naphthalene	<0.304	µg/L	0.304	2.00	1	11/08/16 20:20	CGC	L310168
Nitrobenzene	<0.355	µg/L	0.355	5.00	1	11/08/16 20:20	CGC	L310168
2-Nitrophenol	<0.504	µg/L	0.504	5.00	1	11/08/16 20:20	CGC	L310168
4-Nitrophenol	<0.373	µg/L	0.373	20.0	1	11/08/16 20:20	CGC	L310168
N-Nitrosodimethylamine	<0.370	µg/L	0.370	5.00	1	11/08/16 20:20	CGC	L310168

Qualifiers/ Definitions

DF	Dilution Factor	J	Estimated value
MQL	Method Quantitation Limit	Q	RPD >40% dual column results

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Lab No : **93323**
Sample ID : **WT - ST**

Matrix: **Aqueous**
Sampled: **11/3/2016 15:45**

Analytical Method: 625 **Prep Batch(es):** **L310032** 11/08/16 13:40
Prep Method: 625

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
N-Nitrosodiphenylamine	<0.406	µg/L	0.406	10.0	1	11/08/16 20:20	CGC	L310168
N-Nitroso-di-n-propylamine	<0.561	µg/L	0.561	5.00	1	11/08/16 20:20	CGC	L310168
Pentachlorophenol	<0.540	µg/L	0.540	5.00	1	11/08/16 20:20	CGC	L310168
Phenanthrene	<0.455	µg/L	0.455	2.00	1	11/08/16 20:20	CGC	L310168
Phenol	<0.258	µg/L	0.258	5.00	1	11/08/16 20:20	CGC	L310168
Pyrene	<0.526	µg/L	0.526	2.00	1	11/08/16 20:20	CGC	L310168
1,2,4-Trichlorobenzene	<0.494	µg/L	0.494	5.00	1	11/08/16 20:20	CGC	L310168
2,4,6-Trichlorophenol	<0.415	µg/L	0.415	5.00	1	11/08/16 20:20	CGC	L310168
Surrogate: 2-Fluorobiphenyl	63.5		Limits: 38-107%		1	11/08/16 20:20	CGC	L310168
Surrogate: 2-Fluorophenol	32.8		Limits: 8-88%		1	11/08/16 20:20	CGC	L310168
Surrogate: Nitrobenzene-d5	65.4		Limits: 29-105%		1	11/08/16 20:20	CGC	L310168
Surrogate: Phenol-d6	20.8		Limits: 7-58%		1	11/08/16 20:20	CGC	L310168
Surrogate: 4-Terphenyl-d14	65.4		Limits: 30-130%		1	11/08/16 20:20	CGC	L310168
Surrogate: 2,4,6-Tribromophenol	89.4		Limits: 16-138%		1	11/08/16 20:20	CGC	L310168

Analytical Method: 625 Screen **Prep Batch(es):** **L309824** 11/07/16 10:40
Prep Method: 625

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch	
Dioxin (2,3,7,8-TCDD) screen	<0.200	µg/L	0.200	1.00	1	11/09/16 02:10	RQE	L310125	~

Qualifiers/ Definitions				
	DF	Dilution Factor	J	Estimated value
	MQL	Method Quantitation Limit	Q	RPD >40% dual column results

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Lab No : **93323**
Sample ID : **WT - ST**

Matrix: **Aqueous**
Sampled: **11/3/2016 15:45**

Analytical Method: EPA-608 (PCB) **Prep Batch(es):** **L309792** 11/07/16 09:40
Prep Method: EPA-608 (PCB Prep)

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Aroclor 1016	<0.0351	µg/L	0.0351	0.200	1	11/07/16 19:19	VIC	L310057
Aroclor 1221	<0.167	µg/L	0.167	0.200	1	11/07/16 19:19	VIC	L310057
Aroclor 1232	<0.167	µg/L	0.167	0.200	1	11/07/16 19:19	VIC	L310057
Aroclor 1242	<0.167	µg/L	0.167	0.200	1	11/07/16 19:19	VIC	L310057
Aroclor 1248	<0.167	µg/L	0.167	0.200	1	11/07/16 19:19	VIC	L310057
Aroclor 1254	<0.167	µg/L	0.167	0.200	1	11/07/16 19:19	VIC	L310057
Aroclor 1260	<0.0513	µg/L	0.0513	0.200	1	11/07/16 19:19	VIC	L310057
Surrogate: Decachlorobiphenyl	106		Limits: 25-125%		1	11/07/16 19:19	VIC	L310057
Surrogate: Tetrachloro-m-xylene	55.5		Limits: 25-125%		1	11/07/16 19:19	VIC	L310057

Qualifiers/ Definitions				
	DF	Dilution Factor	J	Estimated value
	MQL	Method Quantitation Limit	Q	RPD >40% dual column results

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: **Tetra Tech EM, Inc.**
Project Description: **Chromcraft**
Report No: **16-309-0289**

QC Prep Batch: L310260 **Analysis Method:** EPA-200.7
QC Prep Batch Method: EPA-200.7 (PREP) **Analysis Description:** Total Metals

Lab Reagent Blank LRB-L310260 Matrix: AQU

Associated Lab Samples: 93320, 93321, 93322, 93323

Parameter	Units	Blank Result	MDL	MQL	Analyzed
Total Cadmium	mg/L	<0.0005	0.0005	0.0020	11/10/16 11:42
Total Chromium	mg/L	<0.001	0.001	0.005	11/10/16 11:42
Total Copper	mg/L	<0.002	0.002	0.005	11/10/16 11:42
Total Lead	mg/L	<0.003	0.003	0.006	11/10/16 11:42
Total Nickel	mg/L	0.004	0.002	0.005	11/10/16 11:42
Total Silver	mg/L	<0.001	0.001	0.005	11/10/16 11:42
Total Zinc	mg/L	<0.002	0.002	0.010	11/10/16 11:42

Laboratory Control Sample LCS-L310260

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
Total Cadmium	mg/L	0.100	0.0991	99.1	85-115
Total Chromium	mg/L	1.00	1.03	103	85-115
Total Copper	mg/L	1.00	1.00	100	85-115
Total Lead	mg/L	0.100	0.100	100	85-115
Total Nickel	mg/L	1.00	1.00	100	85-115
Total Silver	mg/L	0.100	0.098	98.0	85-115
Total Zinc	mg/L	1.00	1.01	101	85-115

Matrix Spike & Matrix Spike Duplicate L 93323-MS-L310260 L 93323-MSD-L310260

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
Total Cadmium	mg/L	< 0.0005	0.100	0.100	0.0968	0.0977	96.8	97.7	70-130	0.9	20.0
Total Chromium	mg/L	0.027	1.00	1.00	1.00	1.02	97.3	99.3	70-130	1.9	20.0
Total Copper	mg/L	0.037	1.00	1.00	1.04	1.04	100	100	70-130	0.0	20.0
Total Lead	mg/L	< 0.003	0.100	0.100	0.094	0.094	94.0	94.0	70-130	0.0	20.0
Total Nickel	mg/L	0.921	1.00	1.00	1.86	1.86	93.9	93.9	70-130	0.0	20.0

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: **Tetra Tech EM, Inc.**
Project Description: **Chromcraft**
Report No: **16-309-0289**

QC Prep Batch: L310260
QC Prep Batch Method: EPA-200.7 (PREP)
Analysis Method: EPA-200.7
Analysis Description: Total Metals

Matrix Spike & Matrix Spike Duplicate L 93323-MS-L310260 L 93323-MSD-L310260

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
Total Silver	mg/L	< 0.001	0.100	0.100	0.104	0.105	104	105	70-130	0.9	20.0
Total Zinc	mg/L	0.011	1.00	1.00	1.02	1.03	101	102	70-130	0.9	20.0

Post Digestion Spike L 93323-PDS-L310260

Parameter	Units	PDS Result	% Recovery	Analyzed
Total Cadmium	mg/L	0.245	97.9	11/10/16 21:01
Total Chromium	mg/L	2.54	101	11/10/16 21:01
Total Copper	mg/L	2.57	102	11/10/16 21:01
Total Lead	mg/L	0.242	97.1	11/10/16 21:01
Total Nickel	mg/L	2.90	97.9	11/10/16 21:01
Total Silver	mg/L	0.259	104	11/10/16 21:01
Total Zinc	mg/L	2.53	101	11/10/16 21:01

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: **Tetra Tech EM, Inc.**
Project Description: **Chromcraft**
Report No: **16-309-0289**

QC Prep Batch: L309792
QC Prep Batch Method: EPA-608 (PCB Prep)
Analysis Method: EPA-608 (PCB)
Analysis Description: Organochlorine Pesticides and PCBs

Lab Reagent Blank LRB-L309792 Matrix: AQU

Associated Lab Samples: 93320, 93321, 93322, 93323

Parameter	Units	Blank Result	MDL	MQL	Analyzed	% Recovery
Aroclor 1016	µg/L	<0.0351	0.0351	0.200	11/07/16 11:59	
Aroclor 1221	µg/L	<0.167	0.167	0.200	11/07/16 11:59	
Aroclor 1232	µg/L	<0.167	0.167	0.200	11/07/16 11:59	
Aroclor 1242	µg/L	<0.167	0.167	0.200	11/07/16 11:59	
Aroclor 1248	µg/L	<0.167	0.167	0.200	11/07/16 11:59	
Aroclor 1254	µg/L	<0.167	0.167	0.200	11/07/16 11:59	
Aroclor 1260	µg/L	<0.0513	0.0513	0.200	11/07/16 11:59	
Decachlorobiphenyl (S)					11/07/16 11:59	84.6
Tetrachloro-m-xylene (S)					11/07/16 11:59	49.3

Laboratory Control Sample & LCSD LCS-L309792 LCSD-L309792

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS %Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD
Aroclor 1016	µg/L	5.00	3.92	3.58	78.4	71.6	50-114	9.0	20.0
Aroclor 1260	µg/L	5.00	3.82	3.31	76.4	66.2	8-127	14.3	20.0
Decachlorobiphenyl (S)					78.3	83.6	25-125		
Tetrachloro-m-xylene (S)					56.6	55.1	25-125		

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: Tetra Tech EM, Inc.
Project Description: Chromcraft
Report No: 16-309-0289

QC Prep Batch: L309794
QC Prep Batch Method: EPA-608 (PREP)
Analysis Method: 608
Analysis Description: Organochlorine Pesticides

Lab Reagent Blank LRB-L309794 Matrix: AQU

Associated Lab Samples: 93320, 93321, 93322, 93323

Parameter	Units	Blank Result	MDL	MQL	Analyzed	% Recovery
Aldrin	µg/L	<0.00983	0.00983	0.0400	11/07/16 19:06	
alpha-BHC	µg/L	<0.00700	0.00700	0.0400	11/07/16 19:06	
beta-BHC	µg/L	<0.0193	0.0193	0.0400	11/07/16 19:06	
delta-BHC	µg/L	<0.0143	0.0143	0.0400	11/07/16 19:06	
Chlordane	µg/L	<0.0670	0.0670	0.200	11/07/16 19:06	
4,4'-DDD	µg/L	<0.0120	0.0120	0.0400	11/07/16 19:06	
4,4'-DDE	µg/L	<0.0101	0.0101	0.0400	11/07/16 19:06	
4,4'-DDT	µg/L	<0.0138	0.0138	0.0400	11/07/16 19:06	
Dieldrin	µg/L	<0.00942	0.00942	0.0400	11/07/16 19:06	
Endosulfan I	µg/L	<0.0182	0.0182	0.0400	11/07/16 19:06	
Endosulfan II	µg/L	<0.0220	0.0220	0.0400	11/07/16 19:06	
Endosulfan Sulfate	µg/L	<0.0240	0.0240	0.0400	11/07/16 19:06	
Endrin	µg/L	<0.00327	0.00327	0.0400	11/07/16 19:06	
Endrin Aldehyde	µg/L	<0.00503	0.00503	0.0400	11/07/16 19:06	
gamma-BHC	µg/L	<0.00305	0.00305	0.0400	11/07/16 19:06	
Heptachlor	µg/L	<0.00275	0.00275	0.0400	11/07/16 19:06	
Heptachlor Epoxide	µg/L	<0.00282	0.00282	0.0400	11/07/16 19:06	
Toxaphene	µg/L	<0.100	0.100	0.300	11/07/16 19:06	
Decachlorobiphenyl (S)					11/07/16 19:06	83.8
Tetrachloro-m-xylene (S)					11/07/16 19:06	39.5

Laboratory Control Sample & LCSD LCS-L309794 LCSD-L309794

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS %Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD
Aldrin	µg/L	2.00	1.31	1.43	65.5	71.5	42-122	8.7	20.0
alpha-BHC	µg/L	2.00	1.47	1.63	73.5	81.5	37-134	10.3	20.0
beta-BHC	µg/L	2.00	1.99	2.16	99.5	108	17-147	8.1	20.0

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: **Tetra Tech EM, Inc.**
Project Description: **Chromcraft**
Report No: **16-309-0289**

QC Prep Batch: L309794
QC Prep Batch Method: EPA-608 (PREP)
Analysis Method: 608
Analysis Description: Organochlorine Pesticides

Laboratory Control Sample & LCSD LCS-L309794 LCSD-L309794

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS %Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD
delta-BHC	µg/L	2.00	1.76	1.82	88.0	91.0	19-140	3.3	20.0
4,4'-DDD	µg/L	2.00	1.59	1.63	79.5	81.5	31-141	2.4	20.0
4,4'-DDE	µg/L	2.00	1.49	1.52	74.5	76.0	30-145	1.9	20.0
4,4'-DDT	µg/L	2.00	1.53	1.64	76.5	82.0	25-160	6.9	20.0
Dieldrin	µg/L	2.00	1.42	1.49	71.0	74.5	36-146	4.8	20.0
Endosulfan I	µg/L	2.00	1.47	1.55	73.5	77.5	45-153	5.2	20.0
Endosulfan II	µg/L	2.00	1.68	1.72	84.0	86.0	1-202	2.3	20.0
Endosulfan Sulfate	µg/L	2.00	1.92	2.00	96.0	100	26-144	4.0	20.0
Endrin	µg/L	2.00	1.46	1.49	73.0	74.5	30-147	2.0	20.0
Endrin Aldehyde	µg/L	2.00	2.00	2.07	100	104	48-125	3.4	20.0
gamma-BHC	µg/L	2.00	1.54	1.66	77.0	83.0	32-127	7.5	20.0
Heptachlor	µg/L	2.00	1.35	1.60	67.5	80.0	34-111	16.9	20.0
Heptachlor Epoxide	µg/L	2.00	1.46	1.52	73.0	76.0	37-142	4.0	20.0
Decachlorobiphenyl (S)					94.3	102	36-116		
Tetrachloro-m-xylene (S)					56.1	67.8	25-123		

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: Tetra Tech EM, Inc.
Project Description: Chromcraft
Report No: 16-309-0289

QC Prep Batch: L310437
QC Prep Batch Method: EPA-624 (PREP)
Analysis Method: 624
Analysis Description: Volatile Organic Compounds - GC/MS

Lab Reagent Blank LRB-L310437 Matrix: AQU

Associated Lab Samples: 93320, 93321, 93322, 93323

Parameter	Units	Blank Result	MDL	MQL	Analyzed	% Recovery
Acrolein	µg/L	<1.72	1.72	20.0	11/10/16 12:14	
Acrylonitrile	µg/L	<1.03	1.03	20.0	11/10/16 12:14	
Benzene	µg/L	<0.147	0.147	1.00	11/10/16 12:14	
Bromodichloromethane	µg/L	<0.204	0.204	1.00	11/10/16 12:14	
Bromoform	µg/L	<0.465	0.465	1.00	11/10/16 12:14	
Bromomethane	µg/L	<0.488	0.488	1.00	11/10/16 12:14	
Carbon Tetrachloride	µg/L	<0.211	0.211	1.00	11/10/16 12:14	
Chlorobenzene	µg/L	<0.452	0.452	1.00	11/10/16 12:14	
Chlorodibromomethane	µg/L	<0.254	0.254	1.00	11/10/16 12:14	
Chloroethane	µg/L	<0.592	0.592	1.00	11/10/16 12:14	
2-Chloroethylvinyl Ether	µg/L	<0.802	0.802	5.00	11/10/16 12:14	
Chloroform	µg/L	<0.197	0.197	1.00	11/10/16 12:14	
Chloromethane	µg/L	<0.539	0.539	1.00	11/10/16 12:14	
Dichlorodifluoromethane	µg/L	<0.712	0.712	1.00	11/10/16 12:14	
1,1-Dichloroethane	µg/L	<0.168	0.168	1.00	11/10/16 12:14	
1,2-Dichloroethane	µg/L	<0.100	0.100	1.00	11/10/16 12:14	
1,1-Dichloroethene	µg/L	<0.138	0.138	1.00	11/10/16 12:14	
trans-1,2-Dichloroethene	µg/L	<0.173	0.173	1.00	11/10/16 12:14	
1,2-Dichloropropane	µg/L	<0.329	0.329	1.00	11/10/16 12:14	
cis-1,3-Dichloropropene	µg/L	<0.171	0.171	1.00	11/10/16 12:14	
trans-1,3-Dichloropropene	µg/L	<0.233	0.233	1.00	11/10/16 12:14	
Ethylbenzene	µg/L	<0.276	0.276	1.00	11/10/16 12:14	
Methylene Chloride	µg/L	<3.75	3.75	10.0	11/10/16 12:14	
1,1,2,2-Tetrachloroethane	µg/L	<0.482	0.482	1.00	11/10/16 12:14	
Tetrachloroethene	µg/L	<0.265	0.265	1.00	11/10/16 12:14	
Toluene	µg/L	<0.203	0.203	5.00	11/10/16 12:14	
1,1,1-Trichloroethane	µg/L	<0.163	0.163	1.00	11/10/16 12:14	
1,1,2-Trichloroethane	µg/L	<0.216	0.216	1.00	11/10/16 12:14	

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: Tetra Tech EM, Inc.
Project Description: Chromcraft
Report No: 16-309-0289

QC Prep Batch: L310437
QC Prep Batch Method: EPA-624 (PREP)
Analysis Method: 624
Analysis Description: Volatile Organic Compounds - GC/MS

Lab Reagent Blank LRB-L310437 Matrix: AQU

Associated Lab Samples: 93320, 93321, 93322, 93323

Parameter	Units	Blank Result	MDL	MQL	Analyzed	% Recovery
Trichloroethene	µg/L	<0.273	0.273	1.00	11/10/16 12:14	
Trichlorofluoromethane	µg/L	<0.308	0.308	1.00	11/10/16 12:14	
Vinyl Chloride	µg/L	<0.394	0.394	1.00	11/10/16 12:14	
4-Bromofluorobenzene (S)					11/10/16 12:14	113
Dibromofluoromethane (S)					11/10/16 12:14	72.6
1,2-Dichloroethane - d4 (S)					11/10/16 12:14	67.6
Toluene-d8 (S)					11/10/16 12:14	80.6

Laboratory Control Sample LCS-L310437

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
Acrolein	µg/L	100	50.7	50.7	50-150
Acrylonitrile	µg/L	100	63.8	63.8	50-150
Benzene	µg/L	20.0	18.5	92.5	37-152
Bromodichloromethane	µg/L	20.0	15.9	79.5	35-155
Bromoform	µg/L	20.0	16.4	82.0	45-169
Bromomethane	µg/L	20.0	19.4	97.0	5-242
Carbon Tetrachloride	µg/L	20.0	16.3	81.5	70-140
Chlorobenzene	µg/L	20.0	19.1	95.5	37-160
Chlorodibromomethane	µg/L	20.0	14.6	73.0	50-150
Chloroethane	µg/L	20.0	7.37	36.8	14-160
2-Chloroethylvinyl Ether	µg/L	20.0	3.41	0.0*	5-305
Chloroform	µg/L	20.0	17.6	88.0	51-138
Chloromethane	µg/L	20.0	13.1	65.5	5-273
Dichlorodifluoromethane	µg/L	20.0	13.5	67.5	40-160
1,1-Dichloroethane	µg/L	20.0	17.0	85.0	59-155
1,2-Dichloroethane	µg/L	20.0	19.0	95.0	49-155
1,1-Dichloroethene	µg/L	20.0	14.7	73.5	5-234

* QC Fail

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: Tetra Tech EM, Inc.
Project Description: Chromcraft
Report No: 16-309-0289

QC Prep Batch: L310437
QC Prep Batch Method: EPA-624 (PREP)
Analysis Method: 624
Analysis Description: Volatile Organic Compounds - GC/MS

Laboratory Control Sample LCS-L310437

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
trans-1,2-Dichloroethene	µg/L	20.0	19.7	98.5	54-156
1,2-Dichloropropane	µg/L	20.0	19.5	97.5	5-210
cis-1,3-Dichloropropene	µg/L	20.0	17.2	86.0	5-227
trans-1,3-Dichloropropene	µg/L	20.0	18.8	94.0	17-183
Ethylbenzene	µg/L	20.0	19.0	95.0	37-162
Methylene Chloride	µg/L	20.0	19.6	98.0	40-160
1,1,2,2-Tetrachloroethane	µg/L	20.0	18.1	90.5	46-157
Tetrachloroethene	µg/L	20.0	17.1	85.5	64-148
Toluene	µg/L	20.0	18.0	90.0	47-150
1,1,1-Trichloroethane	µg/L	20.0	17.3	86.5	52-162
1,1,2-Trichloroethane	µg/L	20.0	16.5	82.5	52-150
Trichloroethene	µg/L	20.0	17.3	86.5	71-157
Trichlorofluoromethane	µg/L	20.0	19.6	98.0	17-181
Vinyl Chloride	µg/L	20.0	18.0	90.0	5-251
4-Bromofluorobenzene (S)				101	71-131
Dibromofluoromethane (S)				76.0	70-128
1,2-Dichloroethane - d4 (S)				78.2	67-136
Toluene-d8 (S)				78.4	70-130

Matrix Spike L 93323-MS-L310437

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	%Rec Limits	RPD	Max RPD
Acrolein	µg/L	< 1.72	100		46.7		46.7*	50-150		
Acrylonitrile	µg/L	< 1.03	100		84.8		84.8	50-150		
Benzene	µg/L	< 0.147	20.0		22.1		111	37-151		
Bromodichloromethane	µg/L	< 0.204	20.0		21.0		105	35-155		
Bromoform	µg/L	< 0.465	20.0		20.9		105	45-169		

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: Tetra Tech EM, Inc.
Project Description: Chromcraft
Report No: 16-309-0289

QC Prep Batch: L310437
QC Prep Batch Method: EPA-624 (PREP)
Analysis Method: 624
Analysis Description: Volatile Organic Compounds - GC/MS

Matrix Spike L 93323-MS-L310437

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	%Rec Limits	RPD	Max RPD
Bromomethane	µg/L	< 0.488	20.0		18.9		94.5	5-242		
Carbon Tetrachloride	µg/L	< 0.211	20.0		21.6		108	70-140		
Chlorobenzene	µg/L	< 0.452	20.0		23.2		116	37-160		
Chlorodibromomethane	µg/L	< 0.254	20.0		21.1		106	50-150		
Chloroethane	µg/L	< 0.592	20.0		7.41		37.0	14-160		
2-Chloroethylvinyl Ether	µg/L	< 0.802	20.0		<0.802		0.0*	5-305		
Chloroform	µg/L	< 0.197	20.0		23.8		119	51-138		
Chloromethane	µg/L	< 0.539	20.0		12.3		61.5	5-273		
Dichlorodifluoromethane	µg/L	< 0.712	20.0		11.6		58.0	40-160		
1,1-Dichloroethane	µg/L	< 0.168	20.0		21.4		107	59-155		
1,2-Dichloroethane	µg/L	< 0.100	20.0		22.3		112	49-155		
1,1-Dichloroethene	µg/L	< 0.138	20.0		20.6		103	5-234		
trans-1,2-Dichloroethene	µg/L	< 0.173	20.0		26.5		133	54-156		
1,2-Dichloropropane	µg/L	< 0.329	20.0		24.5		123	5-210		
cis-1,3-Dichloropropene	µg/L	< 0.171	20.0		22.5		113	5-227		
trans-1,3-Dichloropropene	µg/L	< 0.233	20.0		21.2		106	17-183		
Ethylbenzene	µg/L	< 0.276	20.0		24.7		124	37-162		
Methylene Chloride	µg/L	< 3.75	20.0		20.0		100	40-160		
1,1,2,2-Tetrachloroethane	µg/L	< 0.482	20.0		22.1		111	46-157		
Tetrachloroethene	µg/L	< 0.265	20.0		22.8		114	64-148		
Toluene	µg/L	< 0.203	20.0		23.7		119	47-150		
1,1,1-Trichloroethane	µg/L	< 0.163	20.0		23.0		115	52-162		
1,1,2-Trichloroethane	µg/L	< 0.216	20.0		21.0		105	52-150		
Trichloroethene	µg/L	< 0.273	20.0		21.5		108	71-157		
Trichlorofluoromethane	µg/L	< 0.308	20.0		18.4		92.0	17-181		
Vinyl Chloride	µg/L	< 0.394	20.0		18.1		90.5	5-251		
4-Bromofluorobenzene (S)							108	71-131		

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: **Tetra Tech EM, Inc.**
Project Description: **Chromcraft**
Report No: **16-309-0289**

QC Prep Batch: L310437
QC Prep Batch Method: EPA-624 (PREP)
Analysis Method: 624
Analysis Description: Volatile Organic Compounds - GC/MS

Matrix Spike L 93323-MS-L310437

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	%Rec Limits	RPD	Max RPD
Dibromofluoromethane (S)							74.2	70-128		
1,2-Dichloroethane - d4 (S)							72.8	67-136		
Toluene-d8 (S)							79.0	70-130		

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: Tetra Tech EM, Inc.
Project Description: Chromcraft
Report No: 16-309-0289

QC Prep Batch: L310032
QC Prep Batch Method: 625
Analysis Method: 625
Analysis Description: Semivolatile Organic Compounds - GC,

Lab Reagent Blank LRB-L310032 Matrix: AQU

Associated Lab Samples: 93320, 93321, 93322, 93323

Parameter	Units	Blank Result	MDL	MQL	Analyzed	% Recovery
Acenaphthene	µg/L	<0.480	0.480	2.00	11/08/16 15:21	
Acenaphthylene	µg/L	<0.418	0.418	2.00	11/08/16 15:21	
Anthracene	µg/L	<0.452	0.452	2.00	11/08/16 15:21	
Benzidine	µg/L	<1.08	1.08	20.0	11/08/16 15:21	
Benzo(a)anthracene	µg/L	<0.263	0.263	2.00	11/08/16 15:21	
Benzo(a)pyrene	µg/L	<0.238	0.238	2.00	11/08/16 15:21	
Benzo(b)fluoranthene	µg/L	<0.315	0.315	2.00	11/08/16 15:21	
Benzo(g,h,i)perylene	µg/L	<0.501	0.501	2.00	11/08/16 15:21	
Benzo(k)fluoranthene	µg/L	<0.422	0.422	2.00	11/08/16 15:21	
Bis(2-Chloroethoxy)methane	µg/L	<0.307	0.307	5.00	11/08/16 15:21	
Bis(2-Chloroethyl)ether	µg/L	<0.482	0.482	5.00	11/08/16 15:21	
Bis(2-Chloroisopropyl)ether	µg/L	<0.568	0.568	5.00	11/08/16 15:21	
Bis(2-ethylhexyl)phthalate	µg/L	<0.534	0.534	10.0	11/08/16 15:21	
4-Bromophenyl phenyl ether	µg/L	<0.415	0.415	5.00	11/08/16 15:21	
Butyl benzyl phthalate	µg/L	<0.378	0.378	5.00	11/08/16 15:21	
4-Chloro-3-methylphenol	µg/L	<0.343	0.343	5.00	11/08/16 15:21	
2-Chloronaphthalene	µg/L	<0.544	0.544	5.00	11/08/16 15:21	
2-Chlorophenol	µg/L	<0.520	0.520	5.00	11/08/16 15:21	
4-Chlorophenyl phenyl ether	µg/L	<0.230	0.230	5.00	11/08/16 15:21	
Chrysene	µg/L	<0.373	0.373	2.00	11/08/16 15:21	
Dibenz(a,h)anthracene	µg/L	<0.325	0.325	2.00	11/08/16 15:21	
1,2-Dichlorobenzene	µg/L	<0.731	0.731	5.00	11/08/16 15:21	
1,3-Dichlorobenzene	µg/L	<0.726	0.726	5.00	11/08/16 15:21	
1,4-Dichlorobenzene	µg/L	<0.547	0.547	5.00	11/08/16 15:21	
3,3'-Dichlorobenzidine	µg/L	<0.664	0.664	5.00	11/08/16 15:21	
2,4-Dichlorophenol	µg/L	<0.317	0.317	5.00	11/08/16 15:21	
Diethyl phthalate	µg/L	<0.234	0.234	5.00	11/08/16 15:21	
Dimethyl phthalate	µg/L	<0.384	0.384	5.00	11/08/16 15:21	

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: Tetra Tech EM, Inc.
Project Description: Chromcraft
Report No: 16-309-0289

QC Prep Batch: L310032
QC Prep Batch Method: 625
Analysis Method: 625
Analysis Description: Semivolatile Organic Compounds - GC,

Lab Reagent Blank LRB-L310032 Matrix: AQU

Associated Lab Samples: 93320, 93321, 93322, 93323

Parameter	Units	Blank Result	MDL	MQL	Analyzed	% Recovery
2,4-Dimethylphenol	µg/L	<0.842	0.842	5.00	11/08/16 15:21	
Di-n-butyl phthalate	µg/L	<0.401	0.401	5.00	11/08/16 15:21	
4,6-Dinitro-2-methylphenol	µg/L	<0.454	0.454	10.0	11/08/16 15:21	
2,4-Dinitrophenol	µg/L	<0.229	0.229	5.00	11/08/16 15:21	
2,4-Dinitrotoluene	µg/L	<0.958	0.958	5.00	11/08/16 15:21	
2,6-Dinitrotoluene	µg/L	<0.705	0.705	5.00	11/08/16 15:21	
Di-n-Octyl Phthalate	µg/L	<0.353	0.353	5.00	11/08/16 15:21	
1,2-Diphenylhydrazine/Azobenzene	µg/L	<0.408	0.408	5.00	11/08/16 15:21	
Fluoranthene	µg/L	<0.439	0.439	2.00	11/08/16 15:21	
Fluorene	µg/L	<0.292	0.292	2.00	11/08/16 15:21	
Hexachlorobenzene	µg/L	<0.310	0.310	5.00	11/08/16 15:21	
Hexachlorobutadiene	µg/L	<0.653	0.653	5.00	11/08/16 15:21	
Hexachlorocyclopentadiene	µg/L	<0.232	0.232	5.00	11/08/16 15:21	
Hexachloroethane	µg/L	<0.582	0.582	5.00	11/08/16 15:21	
Indeno(1,2,3-cd)pyrene	µg/L	<0.518	0.518	2.00	11/08/16 15:21	
Isophorone	µg/L	<0.189	0.189	5.00	11/08/16 15:21	
Naphthalene	µg/L	<0.304	0.304	2.00	11/08/16 15:21	
Nitrobenzene	µg/L	<0.355	0.355	5.00	11/08/16 15:21	
2-Nitrophenol	µg/L	<0.504	0.504	5.00	11/08/16 15:21	
4-Nitrophenol	µg/L	<0.373	0.373	20.0	11/08/16 15:21	
N-Nitrosodimethylamine	µg/L	<0.370	0.370	5.00	11/08/16 15:21	
N-Nitrosodiphenylamine	µg/L	<0.406	0.406	10.0	11/08/16 15:21	
N-Nitroso-di-n-propylamine	µg/L	<0.561	0.561	5.00	11/08/16 15:21	
Pentachlorophenol	µg/L	<0.540	0.540	5.00	11/08/16 15:21	
Phenanthrene	µg/L	<0.455	0.455	2.00	11/08/16 15:21	
Phenol	µg/L	<0.258	0.258	5.00	11/08/16 15:21	
Pyrene	µg/L	<0.526	0.526	2.00	11/08/16 15:21	
1,2,4-Trichlorobenzene	µg/L	<0.494	0.494	5.00	11/08/16 15:21	

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: Tetra Tech EM, Inc.
Project Description: Chromcraft
Report No: 16-309-0289

QC Prep Batch: L310032
QC Prep Batch Method: 625
Analysis Method: 625
Analysis Description: Semivolatile Organic Compounds - GC,

Lab Reagent Blank LRB-L310032 Matrix: AQU

Associated Lab Samples: 93320, 93321, 93322, 93323

Parameter	Units	Blank Result	MDL	MQL	Analyzed	% Recovery
2,4,6-Trichlorophenol	µg/L	<0.415	0.415	5.00	11/08/16 15:21	
2-Fluorobiphenyl (S)					11/08/16 15:21	68.2
2-Fluorophenol (S)					11/08/16 15:21	34.4
Nitrobenzene-d5 (S)					11/08/16 15:21	73.0
Phenol-d6 (S)					11/08/16 15:21	21.5
4-Terphenyl-d14 (S)					11/08/16 15:21	60.6
2,4,6-Tribromophenol (S)					11/08/16 15:21	84.0

Laboratory Control Sample & LCSD LCS-L310032 LCSD-L310032

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS %Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD
Acenaphthene	µg/L	100	74.6	76.0	74.6	76.0	47-145	1.8	20.0
Acenaphthylene	µg/L	100	75.5	77.6	75.5	77.6	33-145	2.7	20.0
Anthracene	µg/L	100	81.9	80.8	81.9	80.8	27-133	1.3	20.0
Benzidine	µg/L	100	1.90	2.10	0.0*	0.0*	1-176	0.0	20.0
Benzo(a)anthracene	µg/L	100	78.6	86.1	78.6	86.1	33-143	9.1	20.0
Benzo(a)pyrene	µg/L	100	72.8	78.4	72.8	78.4	17-163	7.4	20.0
Benzo(b)fluoranthene	µg/L	100	72.0	74.2	72.0	74.2	24-159	3.0	20.0
Benzo(g,h,i)perylene	µg/L	100	60.1	77.6	60.1	77.6	1-219	25.4*	20.0
Benzo(k)fluoranthene	µg/L	100	68.3	74.2	68.3	74.2	11-162	8.2	20.0
Bis(2-Chloroethoxy)methane	µg/L	100	68.4	73.4	68.4	73.4	33-184	7.0	20.0
Bis(2-Chloroethyl)ether	µg/L	100	59.0	61.7	59.0	61.7	12-158	4.4	20.0
Bis(2-Chloroisopropyl)ether	µg/L	100	64.5	67.4	64.5	67.4	36-166	4.3	20.0
Bis(2-ethylhexyl)phthalate	µg/L	100	72.3	77.0	72.3	77.0	8-158	6.2	20.0
4-Bromophenyl phenyl ether	µg/L	100	74.1	79.5	74.1	79.5	53-127	7.0	20.0
Butyl benzyl phthalate	µg/L	100	67.1	69.0	67.1	69.0	1-152	2.7	20.0
4-Chloro-3-methylphenol	µg/L	100	79.6	83.7	79.6	83.7	22-147	5.0	20.0

* QC Fail

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: Tetra Tech EM, Inc.
Project Description: Chromcraft
Report No: 16-309-0289

QC Prep Batch: L310032
QC Prep Batch Method: 625
Analysis Method: 625
Analysis Description: Semivolatile Organic Compounds - GC,

Laboratory Control Sample & LCSD LCS-L310032 LCSD-L310032

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS %Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD
2-Chloronaphthalene	µg/L	100	73.0	75.7	73.0	75.7	50-118	3.6	20.0
2-Chlorophenol	µg/L	100	61.2	63.8	61.2	63.8	23-134	4.1	20.0
4-Chlorophenyl phenyl ether	µg/L	100	84.1	87.0	84.1	87.0	25-158	3.3	20.0
Chrysene	µg/L	100	71.5	77.5	71.5	77.5	17-168	8.0	20.0
Dibenz(a,h)anthracene	µg/L	100	63.0	74.3	63.0	74.3	1-227	16.4	20.0
1,2-Dichlorobenzene	µg/L	100	63.5	65.7	63.5	65.7	32-129	3.4	20.0
1,3-Dichlorobenzene	µg/L	100	62.9	62.7	62.9	62.7	1-172	0.3	20.0
1,4-Dichlorobenzene	µg/L	100	64.9	63.6	64.9	63.6	20-124	2.0	20.0
3,3'-Dichlorobenzidine	µg/L	100	77.4	86.8	77.4	86.8	1-262	11.4	20.0
2,4-Dichlorophenol	µg/L	100	70.8	77.8	70.8	77.8	39-135	9.4	20.0
Diethyl phthalate	µg/L	100	78.1	80.8	78.1	80.8	1-114	3.3	20.0
Dimethyl phthalate	µg/L	100	73.9	80.6	73.9	80.6	1-112	8.6	20.0
2,4-Dimethylphenol	µg/L	100	73.8	75.9	73.8	75.9	32-119	2.8	20.0
Di-n-butyl phthalate	µg/L	100	86.2	79.9	86.2	79.9	1-118	7.5	20.0
4,6-Dinitro-2-methylphenol	µg/L	100	82.4	84.3	82.4	84.3	27-128	2.2	20.0
2,4-Dinitrophenol	µg/L	100	83.7	87.5	83.7	87.5	1-191	4.4	20.0
2,4-Dinitrotoluene	µg/L	100	84.4	86.5	84.4	86.5	39-139	2.4	20.0
2,6-Dinitrotoluene	µg/L	100	76.9	81.9	76.9	81.9	50-158	6.2	20.0
Di-n-Octyl Phthalate	µg/L	100	71.8	65.8	71.8	65.8	4-146	8.7	20.0
1,2-Diphenylhydrazine/Azobenzene	µg/L	100	76.3	80.4	76.3	80.4	35-116	5.2	20.0
Fluoranthene	µg/L	100	100	87.9	100	87.9	26-137	12.8	20.0
Fluorene	µg/L	100	76.6	80.2	76.6	80.2	59-121	4.5	20.0
Hexachlorobenzene	µg/L	100	71.3	76.8	71.3	76.8	1-152	7.4	20.0
Hexachlorobutadiene	µg/L	100	65.5	69.7	65.5	69.7	24-118	6.2	20.0
Hexachlorocyclopentadiene	µg/L	100	60.5	65.8	60.5	65.8	10-102	8.3	20.0
Hexachloroethane	µg/L	100	59.2	63.6	59.2	63.6	40-113	7.1	20.0
Indeno(1,2,3-cd)pyrene	µg/L	100	62.2	74.0	62.2	74.0	1-171	17.3	20.0

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: Tetra Tech EM, Inc.
Project Description: Chromcraft
Report No: 16-309-0289

QC Prep Batch: L310032
QC Prep Batch Method: 625
Analysis Method: 625
Analysis Description: Semivolatile Organic Compounds - GC,

Laboratory Control Sample & LCSD LCS-L310032 LCSD-L310032

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS %Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD
Isophorone	µg/L	100	65.9	70.3	65.9	70.3	21-196	6.4	20.0
Naphthalene	µg/L	100	71.4	75.2	71.4	75.2	21-133	5.1	20.0
Nitrobenzene	µg/L	100	67.0	71.2	67.0	71.2	35-180	6.0	20.0
2-Nitrophenol	µg/L	100	68.1	75.7	68.1	75.7	29-182	10.5	20.0
4-Nitrophenol	µg/L	100	52.5	53.0	52.5	53.0	1-132	0.9	20.0
N-Nitrosodimethylamine	µg/L	100	40.3	47.1	40.3	47.1	14-84	15.5	20.0
N-Nitrosodiphenylamine	µg/L	100	75.2	77.3	75.2	77.3	45-135	2.7	20.0
N-Nitroso-di-n-propylamine	µg/L	100	79.6	83.4	79.6	83.4	1-230	4.6	20.0
Pentachlorophenol	µg/L	100	86.3	88.0	86.3	88.0	14-176	1.9	20.0
Phenanthrene	µg/L	100	76.0	75.9	76.0	75.9	54-120	0.1	20.0
Phenol	µg/L	100	29.2	30.9	29.2	30.9	5-112	5.6	20.0
Pyrene	µg/L	100	63.5	67.5	63.5	67.5	52-115	6.1	20.0
1,2,4-Trichlorobenzene	µg/L	100	66.7	70.7	66.7	70.7	30-130	5.8	20.0
2,4,6-Trichlorophenol	µg/L	100	71.6	80.1	71.6	80.1	37-144	11.2	20.0
2-Fluorobiphenyl (S)					64.1	68.0	38-107		
2-Fluorophenol (S)					33.5	36.4	8-88		
Nitrobenzene-d5 (S)					65.6	69.6	29-105		
Phenol-d6 (S)					21.6	24.5	7-58		
4-Terphenyl-d14 (S)					62.6	65.7	30-130		
2,4,6-Tribromophenol (S)					72.0	82.0	16-138		

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: **Tetra Tech EM, Inc.**
Project Description: **Chromcraft**
Report No: **16-309-0289**

QC Prep Batch: L309763
QC Prep Batch Method: SM-4500CNE
Analysis Method: 4500CNE-2011
Analysis Description: Total Cyanide

Lab Reagent Blank LRB Matrix: AQU

Associated Lab Samples: 93320, 93321, 93322, 93323

Parameter	Units	Blank Result	MDL	MQL	Analyzed
Cyanide, Total	mg/L	<0.003	0.003	0.005	11/07/16 10:53

Laboratory Control Sample LCS

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
Cyanide, Total	mg/L	0.200	0.182	91.0	90-110

Duplicate L 93374-DUP

Parameter	Units	Result	DUP Result	RPD	Max RPD	Analyzed
Cyanide, Total	mg/L	0.290	0.267	8.2	20.0	11/07/16 10:53

Matrix Spike L 93374-MS

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	%Rec Limits	RPD	Max RPD
Cyanide, Total	mg/L	0.290	4.00		3.95		91.5	70-130		

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: **Tetra Tech EM, Inc.**
Project Description: **Chromcraft**
Report No: **16-309-0289**

QC Prep Batch: L309707
QC Prep Batch Method: SM-4500H+B
Analysis Method: 4500H+B-2011
Analysis Description: pH

Duplicate L 93319-DUP

Parameter	Units	DUP Result	+/-	Analyzed
pH	s.u.	1.0	1.0	11/04/16 15:15

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: Tetra Tech EM, Inc.
Project Description: Chromcraft
Report No: 16-309-0289

QC Prep Batch: L311089
QC Prep Batch Method: 3005A
Analysis Method: 6010C
Analysis Description: Metals Analysis (TCLP)

Lab Reagent Blank LRB-L311089 Matrix: TCL

Associated Lab Samples: 93315, 93316, 93317

Parameter	Units	Blank Result	MDL	MQL	Analyzed
TCLP Arsenic	mg/L	<0.025	0.025	0.025	11/17/16 11:17
TCLP Barium	mg/L	<0.025	0.025	0.025	11/16/16 19:29
TCLP Cadmium	mg/L	<0.005	0.005	0.005	11/16/16 19:29
TCLP Chromium	mg/L	<0.010	0.010	0.010	11/16/16 19:29
TCLP Lead	mg/L	<0.010	0.010	0.010	11/16/16 19:29
TCLP Selenium	mg/L	<0.050	0.050	0.050	11/17/16 11:17
TCLP Silver	mg/L	<0.005	0.005	0.005	11/16/16 19:29

Laboratory Control Sample LCS-L311089

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
TCLP Arsenic	mg/L	0.100	0.117	117	80-120
TCLP Barium	mg/L	1.00	0.986	98.6	80-120
TCLP Cadmium	mg/L	0.100	0.097	97.0	80-120
TCLP Chromium	mg/L	1.00	0.977	97.7	80-120
TCLP Lead	mg/L	0.100	0.094	94.0	80-120
TCLP Selenium	mg/L	0.100	0.097	97.0	80-120
TCLP Silver	mg/L	0.100	0.096	96.0	80-120

Matrix Spike & Matrix Spike Duplicate L 93317-MS-L311089 L 93317-MSD-L311089

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
TCLP Arsenic	mg/L	< 0.025	0.500	0.500	0.501	0.500	100	100	75-125	0.1	20.0
TCLP Barium	mg/L	0.275	5.00	5.00	4.87	4.87	91.9	91.9	75-125	0.0	20.0
TCLP Cadmium	mg/L	0.018	0.500	0.500	0.475	0.475	91.4	91.4	75-125	0.0	20.0
TCLP Chromium	mg/L	< 0.010	5.00	5.00	4.57	4.63	91.4	92.6	75-125	1.3	20.0
TCLP Lead	mg/L	< 0.010	0.500	0.500	0.438	0.440	87.6	88.0	75-125	0.4	20.0

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: **Tetra Tech EM, Inc.**
Project Description: **Chromcraft**
Report No: **16-309-0289**

QC Prep Batch: L311089
QC Prep Batch Method: 3005A
Analysis Method: 6010C
Analysis Description: Metals Analysis (TCLP)

Matrix Spike & Matrix Spike Duplicate L 93317-MS-L311089 L 93317-MSD-L311089

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
TCLP Selenium	mg/L	< 0.050	0.500	0.500	0.511	0.516	102	103	75-125	0.9	20.0
TCLP Silver	mg/L	< 0.005	0.500	0.500	0.483	0.488	96.6	97.6	75-125	1.0	20.0

Post Digestion Spike L 93317-PDS-L311089

Parameter	Units	PDS Result	% Recovery	Analyzed
TCLP Arsenic	mg/L	0.253	102	11/17/16 12:23
TCLP Barium	mg/L	2.55	96.5	11/16/16 20:26
TCLP Cadmium	mg/L	0.248	95.8	11/16/16 20:26
TCLP Chromium	mg/L	2.39	95.5	11/16/16 20:26
TCLP Lead	mg/L	0.232	93.1	11/16/16 20:26
TCLP Selenium	mg/L	0.256	103	11/17/16 12:23
TCLP Silver	mg/L	0.246	98.6	11/16/16 20:26

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: **Tetra Tech EM, Inc.**
Project Description: **Chromcraft**
Report No: **16-309-0289**

QC Prep Batch: L311067 **Analysis Method:** 7470A
QC Prep Batch Method: 7470A **Analysis Description:** Total Aqueous Mercury Analysis - CVA

Lab Reagent Blank LRB-L311067 Matrix: TCL

Associated Lab Samples: 93315, 93316, 93317

Parameter	Units	Blank Result	MDL	MQL	Analyzed
TCLP Mercury	mg/L	<0.0010	0.0010	0.0010	11/16/16 13:56

Laboratory Control Sample LCS-L311067

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
TCLP Mercury	mg/L	0.0040	0.0040	100	80-120

Matrix Spike & Matrix Spike Duplicate L 93818-MS-L311067 L 93818-MSD-L311067

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
TCLP Mercury	mg/L	< 0.0200	0.0800	0.0800	0.0896	0.0842	112	105	80-120	6.2	20.0

Post Digestion Spike L 93818-PDS-L311067

Parameter	Units	PDS Result	% Recovery	Analyzed
TCLP Mercury	mg/L	0.103	103	11/16/16 14:28

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Cooler Receipt Form

Customer Number: **06379**
Customer Name: **Tetra Tech EM, Inc.**
Report Number: **16-309-0289**

Shipping Method

○ Fed Ex ○ US Postal ○ Lab ○ Other :
○ UPS ● Client ○ Courier Thermometer ID: #10

Shipping container/cooler uncompromised?	● Yes	○ No	
Number of coolers received	1		
Custody seals intact on shipping container/cooler?	○ Yes	○ No	● Not Required
Custody seals intact on sample bottles?	○ Yes	○ No	● Not Required
Chain of Custody (COC) present?	● Yes	○ No	
COC agrees with sample label(s)?	● Yes	○ No	
COC properly completed	● Yes	○ No	
Samples in proper containers?	● Yes	○ No	
Sample containers intact?	● Yes	○ No	
Sufficient sample volume for indicated test(s)?	● Yes	○ No	
All samples received within holding time?	● Yes	○ No	
Cooler temperature in compliance?	● Yes	○ No	
Cooler/Samples arrived at the laboratory on ice. Samples were considered acceptable as cooling process had begun.	● Yes	○ No	
Water - Sample containers properly preserved	● Yes	○ No	○ N/A
Water - VOA vials free of headspace	● Yes	○ No	○ N/A
Trip Blanks received with VOAs	○ Yes	● No	○ N/A
Soil VOA method 5035 – compliance criteria met	○ Yes	○ No	● N/A

☐ High concentration container (48 hr) ☐ Low concentration EnCore samplers (48 hr)
☐ High concentration pre-weighed (methanol -14 d) ☐ Low conc pre-weighed vials (Sod Bis -14 d)

Special precautions or instructions included? ○ Yes ● No

Comments:

Any regulatory non-compliance issues will be recorded on non-compliance report.

Signature: Danyale Love Date & Time: 11/04/2016 15:10:41

Client Name/Address	Client Project Manager/Contact	Billing Information	For Laboratory Use Only
Tetra Tech 1955 Evergreen Blvd Duluth, GA	Todd Taylor	Same	CN 6379

Project Description	Project/Site Location (City/State)		Method of Shipment	Matrix Key
Chrom Craft Site	1 Quality dr Senatobia, MS 38668	☐ RUSH – Additional charges apply ☐ Special Detection Limit(s) Date Results Needed	☐ Fed Ex ☐ UPS ☐ USPS ☐ Courier ☑ Client Drop Off Other	WW – Wastewater GW – Groundwater DW – Drinking Water S – Soil /Solid O – Oil

Project Number	Project Manager Phone #	Project Manager Email	Purchase Ord
103-9027010 61	615-992-5556	todd.taylor@tetratech.com	

16-309-0289
06379
11-04-2016
15:09:45
Tetra Tech EM. Inc.
Chromcraft

Waypoint ANALYTICAL
2790 Whitten Road
Memphis, TN 38133
(901) 213-2400

Unless noted, all containers per Table II of 40 CFR Part 136.

Date	Time	Sample Identification	Number of Containers	Matrix (Refer to Key)	(G)rab or (C)omposite	TCLP 8 RCRA Metals	Ph	TTO - VOC, SVOC, Pest	TTO - PCB Dioxin Screen	CN, Cr, Cu, Pb, Ni	Zn	Ag TTO			
11/3/16	12:30	V2-Solid ~~11/03/16 12~~ TAT	1	S	C	X									
11/3/16	12:15	V13-Solid	1	S	C	X									
11/3/16	2:10	Wash Room	1	S	C	X									
11/3/16	12:45	V2-Liquid	1	M	G		X	X only							
11/3/16	13:00	V13 Liquid	1	M	G		X	X only							
11/3/16	15:00	WT-A	10	WW	G		X	X	X	X	X				
11/3/16	15:15	WT-B	10	WW	G		X	X	X	X	X				
11/3/16	15:30	WT-overflow	10	WW	G		X	X	X	X	X				
11/3/16	15:45	WT-ST	10	WW	G		X	X	X	X	X				

Required Analysis / Preservative

Comments/Notes: Ph only; Ph only

Key	
C	H2SO4 pH<2
D	None Required
E	NaOH pH>10
F	HNO3 pH<2
G	HCL pH<2
H	H3PO4 pH<2
I	Cool <= 6C NA2S2O3

For Laboratory Use Only

Ice	Custody Seals	Lab Comments
(Y) N	Y / (N)	

Blank/Cooler Temp: 4.2°C T10 BS

Sampled by (Name – Print): Todd Taylor

Relinquished by: (SIGNATURE): Todd Taylor — Date/Time: 11/3/16 19:10

Received by: (SIGNATURE): Cheryl Tilley — Date/Time: 11/3/15 19:10

Relinquished by: (SIGNATURE) — Date/Time

Received by: (SIGNATURE) — Date/Time

Relinquished by: (SIGNATURE) — Date/Time

Received by: (SIGNATURE) — Date/Time

Client Remarks/Comments

Report Nu	Sample Id	Project Na	Brand Nick	Lab Name	Lab Numbe	Matrix Typ	Sampled D	Received D	Prep date/
16-309-02	V2 - Solid	Chromcraf	WTN	Waypoint	93315	TCLP	########	########	
16-309-02	V2 - Solid	Chromcraf	WTN	Waypoint	93315	TCLP	########	########	
16-309-02	V2 - Solid	Chromcraf	WTN	Waypoint	93315	TCLP	########	########	
16-309-02	V2 - Solid	Chromcraf	WTN	Waypoint	93315	TCLP	########	########	
16-309-02	V2 - Solid	Chromcraf	WTN	Waypoint	93315	TCLP	########	########	
16-309-02	V2 - Solid	Chromcraf	WTN	Waypoint	93315	TCLP	########	########	
16-309-02	V2 - Solid	Chromcraf	WTN	Waypoint	93315	TCLP	########	########	
16-309-02	V2 - Solid	Chromcraf	WTN	Waypoint	93315	TCLP	########	########	
16-309-02	V2 - Solid	Chromcraf	WTN	Waypoint	93315	TCLP	########	########	
16-309-02	V13 - Solid	Chromcraf	WTN	Waypoint	93316	TCLP	########	########	
16-309-02	V13 - Solid	Chromcraf	WTN	Waypoint	93316	TCLP	########	########	
16-309-02	V13 - Solid	Chromcraf	WTN	Waypoint	93316	TCLP	########	########	
16-309-02	V13 - Solid	Chromcraf	WTN	Waypoint	93316	TCLP	########	########	
16-309-02	V13 - Solid	Chromcraf	WTN	Waypoint	93316	TCLP	########	########	
16-309-02	V13 - Solid	Chromcraf	WTN	Waypoint	93316	TCLP	########	########	
16-309-02	V13 - Solid	Chromcraf	WTN	Waypoint	93316	TCLP	########	########	
16-309-02	V13 - Solid	Chromcraf	WTN	Waypoint	93316	TCLP	########	########	
16-309-02	V13 - Solid	Chromcraf	WTN	Waypoint	93316	TCLP	########	########	
16-309-02	Washroom	Chromcraf	WTN	Waypoint	93317	TCLP	########	########	
16-309-02	Washroom	Chromcraf	WTN	Waypoint	93317	TCLP	########	########	
16-309-02	Washroom	Chromcraf	WTN	Waypoint	93317	TCLP	########	########	
16-309-02	Washroom	Chromcraf	WTN	Waypoint	93317	TCLP	########	########	
16-309-02	Washroom	Chromcraf	WTN	Waypoint	93317	TCLP	########	########	
16-309-02	Washroom	Chromcraf	WTN	Waypoint	93317	TCLP	########	########	
16-309-02	Washroom	Chromcraf	WTN	Waypoint	93317	TCLP	########	########	
16-309-02	Washroom	Chromcraf	WTN	Waypoint	93317	TCLP	########	########	
16-309-02	Washroom	Chromcraf	WTN	Waypoint	93317	TCLP	########	########	
16-309-02	V2 - Liquid	Chromcraf	WTN	Waypoint	93318	Aqueous	########	########	
16-309-02	V13 - Liqui	Chromcraf	WTN	Waypoint	93319	Aqueous	########	########	
16-309-02	WT - A	Chromcraf	WTN	Waypoint	93320	Aqueous	########	########	
16-309-02	WT - A	Chromcraf	WTN	Waypoint	93320	Aqueous	########	########	
16-309-02	WT - A	Chromcraf	WTN	Waypoint	93320	Aqueous	########	########	
16-309-02	WT - A	Chromcraf	WTN	Waypoint	93320	Aqueous	########	########	
16-309-02	WT - A	Chromcraf	WTN	Waypoint	93320	Aqueous	########	########	
16-309-02	WT - A	Chromcraf	WTN	Waypoint	93320	Aqueous	########	########	
16-309-02	WT - A	Chromcraf	WTN	Waypoint	93320	Aqueous	########	########	
16-309-02	WT - A	Chromcraf	WTN	Waypoint	93320	Aqueous	########	########	
16-309-02	WT - A	Chromcraf	WTN	Waypoint	93320	Aqueous	########	########	
16-309-02	WT - A	Chromcraf	WTN	Waypoint	93320	Aqueous	########	########	
16-309-02	WT - A	Chromcraf	WTN	Waypoint	93320	Aqueous	########	########	
16-309-02	WT - A	Chromcraf	WTN	Waypoint	93320	Aqueous	########	########	
16-309-02	WT - A	Chromcraf	WTN	Waypoint	93320	Aqueous	########	########	
16-309-02	WT - A	Chromcraf	WTN	Waypoint	93320	Aqueous	########	########	
16-309-02	WT - A	Chromcraf	WTN	Waypoint	93320	Aqueous	########	########	
16-309-02	WT - A	Chromcraf	WTN	Waypoint	93320	Aqueous	########	########	
16-309-02	WT - A	Chromcraf	WTN	Waypoint	93320	Aqueous	########	########	

16-309-02	WT - A	Chromcraf	WTN	Waypoint	93320	Aqueous	########	########
16-309-02	WT - A	Chromcraf	WTN	Waypoint	93320	Aqueous	########	########
16-309-02	WT - A	Chromcraf	WTN	Waypoint	93320	Aqueous	########	########
16-309-02	WT - A	Chromcraf	WTN	Waypoint	93320	Aqueous	########	########
16-309-02	WT - A	Chromcraf	WTN	Waypoint	93320	Aqueous	########	########
16-309-02	WT - A	Chromcraf	WTN	Waypoint	93320	Aqueous	########	########
16-309-02	WT - A	Chromcraf	WTN	Waypoint	93320	Aqueous	########	########
16-309-02	WT - A	Chromcraf	WTN	Waypoint	93320	Aqueous	########	########
16-309-02	WT - A	Chromcraf	WTN	Waypoint	93320	Aqueous	########	########
16-309-02	WT - A	Chromcraf	WTN	Waypoint	93320	Aqueous	########	########
16-309-02	WT - A	Chromcraf	WTN	Waypoint	93320	Aqueous	########	########
16-309-02	WT - A	Chromcraf	WTN	Waypoint	93320	Aqueous	########	########
16-309-02	WT - A	Chromcraf	WTN	Waypoint	93320	Aqueous	########	########
16-309-02	WT - A	Chromcraf	WTN	Waypoint	93320	Aqueous	########	########
16-309-02	WT - A	Chromcraf	WTN	Waypoint	93320	Aqueous	########	########
16-309-02	WT - A	Chromcraf	WTN	Waypoint	93320	Aqueous	########	########
16-309-02	WT - A	Chromcraf	WTN	Waypoint	93320	Aqueous	########	########
16-309-02	WT - A	Chromcraf	WTN	Waypoint	93320	Aqueous	########	########
16-309-02	WT - A	Chromcraf	WTN	Waypoint	93320	Aqueous	########	########
16-309-02	WT - A	Chromcraf	WTN	Waypoint	93320	Aqueous	########	########
16-309-02	WT - A	Chromcraf	WTN	Waypoint	93320	Aqueous	########	########
16-309-02	WT - A	Chromcraf	WTN	Waypoint	93320	Aqueous	########	########
16-309-02	WT - A	Chromcraf	WTN	Waypoint	93320	Aqueous	########	########
16-309-02	WT - A	Chromcraf	WTN	Waypoint	93320	Aqueous	########	########
16-309-02	WT - A	Chromcraf	WTN	Waypoint	93320	Aqueous	########	########
16-309-02	WT - A	Chromcraf	WTN	Waypoint	93320	Aqueous	########	########
16-309-02	WT - A	Chromcraf	WTN	Waypoint	93320	Aqueous	########	########
16-309-02	WT - A	Chromcraf	WTN	Waypoint	93320	Aqueous	########	########
16-309-02	WT - A	Chromcraf	WTN	Waypoint	93320	Aqueous	########	########
16-309-02	WT - A	Chromcraf	WTN	Waypoint	93320	Aqueous	########	########
16-309-02	WT - A	Chromcraf	WTN	Waypoint	93320	Aqueous	########	########
16-309-02	WT - A	Chromcraf	WTN	Waypoint	93320	Aqueous	########	########
16-309-02	WT - A	Chromcraf	WTN	Waypoint	93320	Aqueous	########	########
16-309-02	WT - A	Chromcraf	WTN	Waypoint	93320	Aqueous	########	########
16-309-02	WT - A	Chromcraf	WTN	Waypoint	93320	Aqueous	########	########
16-309-02	WT - A	Chromcraf	WTN	Waypoint	93320	Aqueous	########	########
16-309-02	WT - A	Chromcraf	WTN	Waypoint	93320	Aqueous	########	########
16-309-02	WT - A	Chromcraf	WTN	Waypoint	93320	Aqueous	########	########
16-309-02	WT - A	Chromcraf	WTN	Waypoint	93320	Aqueous	########	########
16-309-02	WT - A	Chromcraf	WTN	Waypoint	93320	Aqueous	########	########
16-309-02	WT - A	Chromcraf	WTN	Waypoint	93320	Aqueous	########	########
16-309-02	WT - A	Chromcraf	WTN	Waypoint	93320	Aqueous	########	########
16-309-02	WT - A	Chromcraf	WTN	Waypoint	93320	Aqueous	########	########
16-309-02	WT - A	Chromcraf	WTN	Waypoint	93320	Aqueous	########	########
16-309-02	WT - A	Chromcraf	WTN	Waypoint	93320	Aqueous	########	########
16-309-02	WT - A	Chromcraf	WTN	Waypoint	93320	Aqueous	########	########
16-309-02	WT - A	Chromcraf	WTN	Waypoint	93320	Aqueous	########	########

16-309-02	WT - A	Chromcraf	WTN	Waypoint	93320	Aqueous	########	########
16-309-02	WT - A	Chromcraf	WTN	Waypoint	93320	Aqueous	########	########
16-309-02	WT - A	Chromcraf	WTN	Waypoint	93320	Aqueous	########	########
16-309-02	WT - A	Chromcraf	WTN	Waypoint	93320	Aqueous	########	########
16-309-02	WT - A	Chromcraf	WTN	Waypoint	93320	Aqueous	########	########
16-309-02	WT - A	Chromcraf	WTN	Waypoint	93320	Aqueous	########	########
16-309-02	WT - A	Chromcraf	WTN	Waypoint	93320	Aqueous	########	########
16-309-02	WT - A	Chromcraf	WTN	Waypoint	93320	Aqueous	########	########
16-309-02	WT - A	Chromcraf	WTN	Waypoint	93320	Aqueous	########	########
16-309-02	WT - A	Chromcraf	WTN	Waypoint	93320	Aqueous	########	########
16-309-02	WT - A	Chromcraf	WTN	Waypoint	93320	Aqueous	########	########
16-309-02	WT - A	Chromcraf	WTN	Waypoint	93320	Aqueous	########	########
16-309-02	WT - A	Chromcraf	WTN	Waypoint	93320	Aqueous	########	########
16-309-02	WT - A	Chromcraf	WTN	Waypoint	93320	Aqueous	########	########
16-309-02	WT - A	Chromcraf	WTN	Waypoint	93320	Aqueous	########	########
16-309-02	WT - A	Chromcraf	WTN	Waypoint	93320	Aqueous	########	########
16-309-02	WT - A	Chromcraf	WTN	Waypoint	93320	Aqueous	########	########
16-309-02	WT - A	Chromcraf	WTN	Waypoint	93320	Aqueous	########	########
16-309-02	WT - A	Chromcraf	WTN	Waypoint	93320	Aqueous	########	########
16-309-02	WT - A	Chromcraf	WTN	Waypoint	93320	Aqueous	########	########
16-309-02	WT - A	Chromcraf	WTN	Waypoint	93320	Aqueous	########	########
16-309-02	WT - A	Chromcraf	WTN	Waypoint	93320	Aqueous	########	########
16-309-02	WT - A	Chromcraf	WTN	Waypoint	93320	Aqueous	########	########
16-309-02	WT - A	Chromcraf	WTN	Waypoint	93320	Aqueous	########	########
16-309-02	WT - A	Chromcraf	WTN	Waypoint	93320	Aqueous	########	########
16-309-02	WT - A	Chromcraf	WTN	Waypoint	93320	Aqueous	########	########
16-309-02	WT - A	Chromcraf	WTN	Waypoint	93320	Aqueous	########	########
16-309-02	WT - A	Chromcraf	WTN	Waypoint	93320	Aqueous	########	########
16-309-02	WT - A	Chromcraf	WTN	Waypoint	93320	Aqueous	########	########
16-309-02	WT - A	Chromcraf	WTN	Waypoint	93320	Aqueous	########	########
16-309-02	WT - A	Chromcraf	WTN	Waypoint	93320	Aqueous	########	########
16-309-02	WT - A	Chromcraf	WTN	Waypoint	93320	Aqueous	########	########
16-309-02	WT - A	Chromcraf	WTN	Waypoint	93320	Aqueous	########	########
16-309-02	WT - A	Chromcraf	WTN	Waypoint	93320	Aqueous	########	########
16-309-02	WT - A	Chromcraf	WTN	Waypoint	93320	Aqueous	########	########
16-309-02	WT - A	Chromcraf	WTN	Waypoint	93320	Aqueous	########	########
16-309-02	WT - A	Chromcraf	WTN	Waypoint	93320	Aqueous	########	########
16-309-02	WT - A	Chromcraf	WTN	Waypoint	93320	Aqueous	########	########
16-309-02	WT - A	Chromcraf	WTN	Waypoint	93320	Aqueous	########	########
16-309-02	WT - A	Chromcraf	WTN	Waypoint	93320	Aqueous	########	########
16-309-02	WT - A	Chromcraf	WTN	Waypoint	93320	Aqueous	########	########
16-309-02	WT - A	Chromcraf	WTN	Waypoint	93320	Aqueous	########	########
16-309-02	WT - A	Chromcraf	WTN	Waypoint	93320	Aqueous	########	########
16-309-02	WT - A	Chromcraf	WTN	Waypoint	93320	Aqueous	########	########
16-309-02	WT - A	Chromcraf	WTN	Waypoint	93320	Aqueous	########	########
16-309-02	WT - A	Chromcraf	WTN	Waypoint	93320	Aqueous	########	########
16-309-02	WT - A	Chromcraf	WTN	Waypoint	93320	Aqueous	########	########

16-309-02	WT - A	Chromcraf WTN	Waypoint	93320	Aqueous	########	########
16-309-02	WT - A	Chromcraf WTN	Waypoint	93320	Aqueous	########	########
16-309-02	WT - A	Chromcraf WTN	Waypoint	93320	Aqueous	########	########
16-309-02	WT - A	Chromcraf WTN	Waypoint	93320	Aqueous	########	########
16-309-02	WT - A	Chromcraf WTN	Waypoint	93320	Aqueous	########	########
16-309-02	WT - A	Chromcraf WTN	Waypoint	93320	Aqueous	########	########
16-309-02	WT - A	Chromcraf WTN	Waypoint	93320	Aqueous	########	########
16-309-02	WT - A	Chromcraf WTN	Waypoint	93320	Aqueous	########	########
16-309-02	WT - A	Chromcraf WTN	Waypoint	93320	Aqueous	########	########
16-309-02	WT - A	Chromcraf WTN	Waypoint	93320	Aqueous	########	########
16-309-02	WT - A	Chromcraf WTN	Waypoint	93320	Aqueous	########	########
16-309-02	WT - A	Chromcraf WTN	Waypoint	93320	Aqueous	########	########
16-309-02	WT - B	Chromcraf WTN	Waypoint	93321	Aqueous	########	########
16-309-02	WT - B	Chromcraf WTN	Waypoint	93321	Aqueous	########	########
16-309-02	WT - B	Chromcraf WTN	Waypoint	93321	Aqueous	########	########
16-309-02	WT - B	Chromcraf WTN	Waypoint	93321	Aqueous	########	########
16-309-02	WT - B	Chromcraf WTN	Waypoint	93321	Aqueous	########	########
16-309-02	WT - B	Chromcraf WTN	Waypoint	93321	Aqueous	########	########
16-309-02	WT - B	Chromcraf WTN	Waypoint	93321	Aqueous	########	########
16-309-02	WT - B	Chromcraf WTN	Waypoint	93321	Aqueous	########	########
16-309-02	WT - B	Chromcraf WTN	Waypoint	93321	Aqueous	########	########
16-309-02	WT - B	Chromcraf WTN	Waypoint	93321	Aqueous	########	########
16-309-02	WT - B	Chromcraf WTN	Waypoint	93321	Aqueous	########	########
16-309-02	WT - B	Chromcraf WTN	Waypoint	93321	Aqueous	########	########
16-309-02	WT - B	Chromcraf WTN	Waypoint	93321	Aqueous	########	########
16-309-02	WT - B	Chromcraf WTN	Waypoint	93321	Aqueous	########	########
16-309-02	WT - B	Chromcraf WTN	Waypoint	93321	Aqueous	########	########
16-309-02	WT - B	Chromcraf WTN	Waypoint	93321	Aqueous	########	########
16-309-02	WT - B	Chromcraf WTN	Waypoint	93321	Aqueous	########	########
16-309-02	WT - B	Chromcraf WTN	Waypoint	93321	Aqueous	########	########
16-309-02	WT - B	Chromcraf WTN	Waypoint	93321	Aqueous	########	########
16-309-02	WT - B	Chromcraf WTN	Waypoint	93321	Aqueous	########	########
16-309-02	WT - B	Chromcraf WTN	Waypoint	93321	Aqueous	########	########
16-309-02	WT - B	Chromcraf WTN	Waypoint	93321	Aqueous	########	########
16-309-02	WT - B	Chromcraf WTN	Waypoint	93321	Aqueous	########	########
16-309-02	WT - B	Chromcraf WTN	Waypoint	93321	Aqueous	########	########
16-309-02	WT - B	Chromcraf WTN	Waypoint	93321	Aqueous	########	########
16-309-02	WT - B	Chromcraf WTN	Waypoint	93321	Aqueous	########	########
16-309-02	WT - B	Chromcraf WTN	Waypoint	93321	Aqueous	########	########
16-309-02	WT - B	Chromcraf WTN	Waypoint	93321	Aqueous	########	########
16-309-02	WT - B	Chromcraf WTN	Waypoint	93321	Aqueous	########	########
16-309-02	WT - B	Chromcraf WTN	Waypoint	93321	Aqueous	########	########
16-309-02	WT - B	Chromcraf WTN	Waypoint	93321	Aqueous	########	########
16-309-02	WT - B	Chromcraf WTN	Waypoint	93321	Aqueous	########	########
16-309-02	WT - B	Chromcraf WTN	Waypoint	93321	Aqueous	########	########
16-309-02	WT - B	Chromcraf WTN	Waypoint	93321	Aqueous	########	########
16-309-02	WT - B	Chromcraf WTN	Waypoint	93321	Aqueous	########	########

16-309-02	WT - B	Chromcraf	WTN	Waypoint	93321	Aqueous	########	########
16-309-02	WT - B	Chromcraf	WTN	Waypoint	93321	Aqueous	########	########
16-309-02	WT - B	Chromcraf	WTN	Waypoint	93321	Aqueous	########	########
16-309-02	WT - B	Chromcraf	WTN	Waypoint	93321	Aqueous	########	########
16-309-02	WT - B	Chromcraf	WTN	Waypoint	93321	Aqueous	########	########
16-309-02	WT - B	Chromcraf	WTN	Waypoint	93321	Aqueous	########	########
16-309-02	WT - B	Chromcraf	WTN	Waypoint	93321	Aqueous	########	########
16-309-02	WT - B	Chromcraf	WTN	Waypoint	93321	Aqueous	########	########
16-309-02	WT - B	Chromcraf	WTN	Waypoint	93321	Aqueous	########	########
16-309-02	WT - B	Chromcraf	WTN	Waypoint	93321	Aqueous	########	########
16-309-02	WT - B	Chromcraf	WTN	Waypoint	93321	Aqueous	########	########
16-309-02	WT - B	Chromcraf	WTN	Waypoint	93321	Aqueous	########	########
16-309-02	WT - B	Chromcraf	WTN	Waypoint	93321	Aqueous	########	########
16-309-02	WT - B	Chromcraf	WTN	Waypoint	93321	Aqueous	########	########
16-309-02	WT - B	Chromcraf	WTN	Waypoint	93321	Aqueous	########	########
16-309-02	WT - B	Chromcraf	WTN	Waypoint	93321	Aqueous	########	########
16-309-02	WT - B	Chromcraf	WTN	Waypoint	93321	Aqueous	########	########
16-309-02	WT - B	Chromcraf	WTN	Waypoint	93321	Aqueous	########	########
16-309-02	WT - B	Chromcraf	WTN	Waypoint	93321	Aqueous	########	########
16-309-02	WT - B	Chromcraf	WTN	Waypoint	93321	Aqueous	########	########
16-309-02	WT - B	Chromcraf	WTN	Waypoint	93321	Aqueous	########	########
16-309-02	WT - B	Chromcraf	WTN	Waypoint	93321	Aqueous	########	########
16-309-02	WT - B	Chromcraf	WTN	Waypoint	93321	Aqueous	########	########
16-309-02	WT - B	Chromcraf	WTN	Waypoint	93321	Aqueous	########	########
16-309-02	WT - B	Chromcraf	WTN	Waypoint	93321	Aqueous	########	########
16-309-02	WT - B	Chromcraf	WTN	Waypoint	93321	Aqueous	########	########
16-309-02	WT - B	Chromcraf	WTN	Waypoint	93321	Aqueous	########	########
16-309-02	WT - B	Chromcraf	WTN	Waypoint	93321	Aqueous	########	########
16-309-02	WT - B	Chromcraf	WTN	Waypoint	93321	Aqueous	########	########
16-309-02	WT - B	Chromcraf	WTN	Waypoint	93321	Aqueous	########	########
16-309-02	WT - B	Chromcraf	WTN	Waypoint	93321	Aqueous	########	########
16-309-02	WT - B	Chromcraf	WTN	Waypoint	93321	Aqueous	########	########
16-309-02	WT - B	Chromcraf	WTN	Waypoint	93321	Aqueous	########	########
16-309-02	WT - B	Chromcraf	WTN	Waypoint	93321	Aqueous	########	########
16-309-02	WT - B	Chromcraf	WTN	Waypoint	93321	Aqueous	########	########
16-309-02	WT - B	Chromcraf	WTN	Waypoint	93321	Aqueous	########	########
16-309-02	WT - B	Chromcraf	WTN	Waypoint	93321	Aqueous	########	########
16-309-02	WT - B	Chromcraf	WTN	Waypoint	93321	Aqueous	########	########
16-309-02	WT - B	Chromcraf	WTN	Waypoint	93321	Aqueous	########	########
16-309-02	WT - B	Chromcraf	WTN	Waypoint	93321	Aqueous	########	########
16-309-02	WT - B	Chromcraf	WTN	Waypoint	93321	Aqueous	########	########
16-309-02	WT - B	Chromcraf	WTN	Waypoint	93321	Aqueous	########	########
16-309-02	WT - B	Chromcraf	WTN	Waypoint	93321	Aqueous	########	########
16-309-02	WT - B	Chromcraf	WTN	Waypoint	93321	Aqueous	########	########
16-309-02	WT - B	Chromcraf	WTN	Waypoint	93321	Aqueous	########	########
16-309-02	WT - B	Chromcraf	WTN	Waypoint	93321	Aqueous	########	########
16-309-02	WT - B	Chromcraf	WTN	Waypoint	93321	Aqueous	########	########

16-309-02	WT - B	Chromcraf	WTN	Waypoint	93321	Aqueous	########	########
16-309-02	WT - B	Chromcraf	WTN	Waypoint	93321	Aqueous	########	########
16-309-02	WT - B	Chromcraf	WTN	Waypoint	93321	Aqueous	########	########
16-309-02	WT - B	Chromcraf	WTN	Waypoint	93321	Aqueous	########	########
16-309-02	WT - B	Chromcraf	WTN	Waypoint	93321	Aqueous	########	########
16-309-02	WT - B	Chromcraf	WTN	Waypoint	93321	Aqueous	########	########
16-309-02	WT - B	Chromcraf	WTN	Waypoint	93321	Aqueous	########	########
16-309-02	WT - B	Chromcraf	WTN	Waypoint	93321	Aqueous	########	########
16-309-02	WT - B	Chromcraf	WTN	Waypoint	93321	Aqueous	########	########
16-309-02	WT - B	Chromcraf	WTN	Waypoint	93321	Aqueous	########	########
16-309-02	WT - B	Chromcraf	WTN	Waypoint	93321	Aqueous	########	########
16-309-02	WT - B	Chromcraf	WTN	Waypoint	93321	Aqueous	########	########
16-309-02	WT - B	Chromcraf	WTN	Waypoint	93321	Aqueous	########	########
16-309-02	WT - B	Chromcraf	WTN	Waypoint	93321	Aqueous	########	########
16-309-02	WT - B	Chromcraf	WTN	Waypoint	93321	Aqueous	########	########
16-309-02	WT - B	Chromcraf	WTN	Waypoint	93321	Aqueous	########	########
16-309-02	WT - B	Chromcraf	WTN	Waypoint	93321	Aqueous	########	########
16-309-02	WT - B	Chromcraf	WTN	Waypoint	93321	Aqueous	########	########
16-309-02	WT - B	Chromcraf	WTN	Waypoint	93321	Aqueous	########	########
16-309-02	WT - B	Chromcraf	WTN	Waypoint	93321	Aqueous	########	########
16-309-02	WT - B	Chromcraf	WTN	Waypoint	93321	Aqueous	########	########
16-309-02	WT - B	Chromcraf	WTN	Waypoint	93321	Aqueous	########	########
16-309-02	WT - B	Chromcraf	WTN	Waypoint	93321	Aqueous	########	########
16-309-02	WT - B	Chromcraf	WTN	Waypoint	93321	Aqueous	########	########
16-309-02	WT - B	Chromcraf	WTN	Waypoint	93321	Aqueous	########	########
16-309-02	WT - B	Chromcraf	WTN	Waypoint	93321	Aqueous	########	########
16-309-02	WT - B	Chromcraf	WTN	Waypoint	93321	Aqueous	########	########
16-309-02	WT - B	Chromcraf	WTN	Waypoint	93321	Aqueous	########	########
16-309-02	WT - B	Chromcraf	WTN	Waypoint	93321	Aqueous	########	########
16-309-02	WT - B	Chromcraf	WTN	Waypoint	93321	Aqueous	########	########
16-309-02	WT - B	Chromcraf	WTN	Waypoint	93321	Aqueous	########	########
16-309-02	WT - B	Chromcraf	WTN	Waypoint	93321	Aqueous	########	########
16-309-02	WT - B	Chromcraf	WTN	Waypoint	93321	Aqueous	########	########
16-309-02	WT - B	Chromcraf	WTN	Waypoint	93321	Aqueous	########	########
16-309-02	WT - B	Chromcraf	WTN	Waypoint	93321	Aqueous	########	########
16-309-02	WT - B	Chromcraf	WTN	Waypoint	93321	Aqueous	########	########
16-309-02	WT - B	Chromcraf	WTN	Waypoint	93321	Aqueous	########	########
16-309-02	WT - B	Chromcraf	WTN	Waypoint	93321	Aqueous	########	########
16-309-02	WT - B	Chromcraf	WTN	Waypoint	93321	Aqueous	########	########
16-309-02	WT - B	Chromcraf	WTN	Waypoint	93321	Aqueous	########	########
16-309-02	WT - B	Chromcraf	WTN	Waypoint	93321	Aqueous	########	########
16-309-02	WT - Overf	Chromcraf	WTN	Waypoint	93322	Aqueous	########	########
16-309-02	WT - Overf	Chromcraf	WTN	Waypoint	93322	Aqueous	########	########
16-309-02	WT - Overf	Chromcraf	WTN	Waypoint	93322	Aqueous	########	########
16-309-02	WT - Overf	Chromcraf	WTN	Waypoint	93322	Aqueous	########	########
16-309-02	WT - Overf	Chromcraf	WTN	Waypoint	93322	Aqueous	########	########
16-309-02	WT - Overf	Chromcraf	WTN	Waypoint	93322	Aqueous	########	########

16-309-02	WT - Overf	Chromcraf	WTN	Waypoint	93322	Aqueous	########	########
16-309-02	WT - Overf	Chromcraf	WTN	Waypoint	93322	Aqueous	########	########
16-309-02	WT - Overf	Chromcraf	WTN	Waypoint	93322	Aqueous	########	########
16-309-02	WT - Overf	Chromcraf	WTN	Waypoint	93322	Aqueous	########	########
16-309-02	WT - Overf	Chromcraf	WTN	Waypoint	93322	Aqueous	########	########
16-309-02	WT - Overf	Chromcraf	WTN	Waypoint	93322	Aqueous	########	########
16-309-02	WT - Overf	Chromcraf	WTN	Waypoint	93322	Aqueous	########	########
16-309-02	WT - Overf	Chromcraf	WTN	Waypoint	93322	Aqueous	########	########
16-309-02	WT - Overf	Chromcraf	WTN	Waypoint	93322	Aqueous	########	########
16-309-02	WT - Overf	Chromcraf	WTN	Waypoint	93322	Aqueous	########	########
16-309-02	WT - Overf	Chromcraf	WTN	Waypoint	93322	Aqueous	########	########
16-309-02	WT - Overf	Chromcraf	WTN	Waypoint	93322	Aqueous	########	########
16-309-02	WT - Overf	Chromcraf	WTN	Waypoint	93322	Aqueous	########	########
16-309-02	WT - Overf	Chromcraf	WTN	Waypoint	93322	Aqueous	########	########
16-309-02	WT - Overf	Chromcraf	WTN	Waypoint	93322	Aqueous	########	########
16-309-02	WT - Overf	Chromcraf	WTN	Waypoint	93322	Aqueous	########	########
16-309-02	WT - Overf	Chromcraf	WTN	Waypoint	93322	Aqueous	########	########
16-309-02	WT - Overf	Chromcraf	WTN	Waypoint	93322	Aqueous	########	########
16-309-02	WT - Overf	Chromcraf	WTN	Waypoint	93322	Aqueous	########	########
16-309-02	WT - Overf	Chromcraf	WTN	Waypoint	93322	Aqueous	########	########
16-309-02	WT - Overf	Chromcraf	WTN	Waypoint	93322	Aqueous	########	########
16-309-02	WT - Overf	Chromcraf	WTN	Waypoint	93322	Aqueous	########	########
16-309-02	WT - Overf	Chromcraf	WTN	Waypoint	93322	Aqueous	########	########
16-309-02	WT - Overf	Chromcraf	WTN	Waypoint	93322	Aqueous	########	########
16-309-02	WT - Overf	Chromcraf	WTN	Waypoint	93322	Aqueous	########	########
16-309-02	WT - Overf	Chromcraf	WTN	Waypoint	93322	Aqueous	########	########
16-309-02	WT - Overf	Chromcraf	WTN	Waypoint	93322	Aqueous	########	########
16-309-02	WT - Overf	Chromcraf	WTN	Waypoint	93322	Aqueous	########	########
16-309-02	WT - Overf	Chromcraf	WTN	Waypoint	93322	Aqueous	########	########
16-309-02	WT - Overf	Chromcraf	WTN	Waypoint	93322	Aqueous	########	########
16-309-02	WT - Overf	Chromcraf	WTN	Waypoint	93322	Aqueous	########	########
16-309-02	WT - Overf	Chromcraf	WTN	Waypoint	93322	Aqueous	########	########
16-309-02	WT - Overf	Chromcraf	WTN	Waypoint	93322	Aqueous	########	########
16-309-02	WT - Overf	Chromcraf	WTN	Waypoint	93322	Aqueous	########	########
16-309-02	WT - Overf	Chromcraf	WTN	Waypoint	93322	Aqueous	########	########
16-309-02	WT - Overf	Chromcraf	WTN	Waypoint	93322	Aqueous	########	########
16-309-02	WT - Overf	Chromcraf	WTN	Waypoint	93322	Aqueous	########	########
16-309-02	WT - Overf	Chromcraf	WTN	Waypoint	93322	Aqueous	########	########
16-309-02	WT - Overf	Chromcraf	WTN	Waypoint	93322	Aqueous	########	########
16-309-02	WT - Overf	Chromcraf	WTN	Waypoint	93322	Aqueous	########	########
16-309-02	WT - Overf	Chromcraf	WTN	Waypoint	93322	Aqueous	########	########
16-309-02	WT - Overf	Chromcraf	WTN	Waypoint	93322	Aqueous	########	########
16-309-02	WT - Overf	Chromcraf	WTN	Waypoint	93322	Aqueous	########	########
16-309-02	WT - Overf	Chromcraf	WTN	Waypoint	93322	Aqueous	########	########
16-309-02	WT - Overf	Chromcraf	WTN	Waypoint	93322	Aqueous	########	########
16-309-02	WT - Overf	Chromcraf	WTN	Waypoint	93322	Aqueous	########	########
16-309-02	WT - Overf	Chromcraf	WTN	Waypoint	93322	Aqueous	########	########

16-309-02	WT - Overf	Chromcraf	WTN	Waypoint	93322	Aqueous	########	########
16-309-02	WT - Overf	Chromcraf	WTN	Waypoint	93322	Aqueous	########	########
16-309-02	WT - Overf	Chromcraf	WTN	Waypoint	93322	Aqueous	########	########
16-309-02	WT - Overf	Chromcraf	WTN	Waypoint	93322	Aqueous	########	########
16-309-02	WT - Overf	Chromcraf	WTN	Waypoint	93322	Aqueous	########	########
16-309-02	WT - Overf	Chromcraf	WTN	Waypoint	93322	Aqueous	########	########
16-309-02	WT - Overf	Chromcraf	WTN	Waypoint	93322	Aqueous	########	########
16-309-02	WT - Overf	Chromcraf	WTN	Waypoint	93322	Aqueous	########	########
16-309-02	WT - Overf	Chromcraf	WTN	Waypoint	93322	Aqueous	########	########
16-309-02	WT - Overf	Chromcraf	WTN	Waypoint	93322	Aqueous	########	########
16-309-02	WT - Overf	Chromcraf	WTN	Waypoint	93322	Aqueous	########	########
16-309-02	WT - Overf	Chromcraf	WTN	Waypoint	93322	Aqueous	########	########
16-309-02	WT - Overf	Chromcraf	WTN	Waypoint	93322	Aqueous	########	########
16-309-02	WT - Overf	Chromcraf	WTN	Waypoint	93322	Aqueous	########	########
16-309-02	WT - Overf	Chromcraf	WTN	Waypoint	93322	Aqueous	########	########
16-309-02	WT - Overf	Chromcraf	WTN	Waypoint	93322	Aqueous	########	########
16-309-02	WT - Overf	Chromcraf	WTN	Waypoint	93322	Aqueous	########	########
16-309-02	WT - Overf	Chromcraf	WTN	Waypoint	93322	Aqueous	########	########
16-309-02	WT - Overf	Chromcraf	WTN	Waypoint	93322	Aqueous	########	########
16-309-02	WT - Overf	Chromcraf	WTN	Waypoint	93322	Aqueous	########	########
16-309-02	WT - Overf	Chromcraf	WTN	Waypoint	93322	Aqueous	########	########
16-309-02	WT - Overf	Chromcraf	WTN	Waypoint	93322	Aqueous	########	########
16-309-02	WT - Overf	Chromcraf	WTN	Waypoint	93322	Aqueous	########	########
16-309-02	WT - Overf	Chromcraf	WTN	Waypoint	93322	Aqueous	########	########
16-309-02	WT - Overf	Chromcraf	WTN	Waypoint	93322	Aqueous	########	########
16-309-02	WT - Overf	Chromcraf	WTN	Waypoint	93322	Aqueous	########	########
16-309-02	WT - Overf	Chromcraf	WTN	Waypoint	93322	Aqueous	########	########
16-309-02	WT - Overf	Chromcraf	WTN	Waypoint	93322	Aqueous	########	########
16-309-02	WT - Overf	Chromcraf	WTN	Waypoint	93322	Aqueous	########	########
16-309-02	WT - Overf	Chromcraf	WTN	Waypoint	93322	Aqueous	########	########
16-309-02	WT - Overf	Chromcraf	WTN	Waypoint	93322	Aqueous	########	########
16-309-02	WT - Overf	Chromcraf	WTN	Waypoint	93322	Aqueous	########	########
16-309-02	WT - Overf	Chromcraf	WTN	Waypoint	93322	Aqueous	########	########
16-309-02	WT - Overf	Chromcraf	WTN	Waypoint	93322	Aqueous	########	########
16-309-02	WT - Overf	Chromcraf	WTN	Waypoint	93322	Aqueous	########	########
16-309-02	WT - Overf	Chromcraf	WTN	Waypoint	93322	Aqueous	########	########
16-309-02	WT - Overf	Chromcraf	WTN	Waypoint	93322	Aqueous	########	########
16-309-02	WT - Overf	Chromcraf	WTN	Waypoint	93322	Aqueous	########	########
16-309-02	WT - Overf	Chromcraf	WTN	Waypoint	93322	Aqueous	########	########
16-309-02	WT - Overf	Chromcraf	WTN	Waypoint	93322	Aqueous	########	########
16-309-02	WT - Overf	Chromcraf	WTN	Waypoint	93322	Aqueous	########	########
16-309-02	WT - Overf	Chromcraf	WTN	Waypoint	93322	Aqueous	########	########
16-309-02	WT - Overf	Chromcraf	WTN	Waypoint	93322	Aqueous	########	########
16-309-02	WT - Overf	Chromcraf	WTN	Waypoint	93322	Aqueous	########	########
16-309-02	WT - Overf	Chromcraf	WTN	Waypoint	93322	Aqueous	########	########
16-309-02	WT - Overf	Chromcraf	WTN	Waypoint	93322	Aqueous	########	########
16-309-02	WT - Overf	Chromcraf	WTN	Waypoint	93322	Aqueous	########	########

16-309-02	WT - Overf	Chromcraf	WTN	Waypoint	93322	Aqueous	########	########
16-309-02	WT - Overf	Chromcraf	WTN	Waypoint	93322	Aqueous	########	########
16-309-02	WT - Overf	Chromcraf	WTN	Waypoint	93322	Aqueous	########	########
16-309-02	WT - Overf	Chromcraf	WTN	Waypoint	93322	Aqueous	########	########
16-309-02	WT - Overf	Chromcraf	WTN	Waypoint	93322	Aqueous	########	########
16-309-02	WT - Overf	Chromcraf	WTN	Waypoint	93322	Aqueous	########	########
16-309-02	WT - Overf	Chromcraf	WTN	Waypoint	93322	Aqueous	########	########
16-309-02	WT - Overf	Chromcraf	WTN	Waypoint	93322	Aqueous	########	########
16-309-02	WT - Overf	Chromcraf	WTN	Waypoint	93322	Aqueous	########	########
16-309-02	WT - Overf	Chromcraf	WTN	Waypoint	93322	Aqueous	########	########
16-309-02	WT - Overf	Chromcraf	WTN	Waypoint	93322	Aqueous	########	########
16-309-02	WT - Overf	Chromcraf	WTN	Waypoint	93322	Aqueous	########	########
16-309-02	WT - Overf	Chromcraf	WTN	Waypoint	93322	Aqueous	########	########
16-309-02	WT - Overf	Chromcraf	WTN	Waypoint	93322	Aqueous	########	########
16-309-02	WT - Overf	Chromcraf	WTN	Waypoint	93322	Aqueous	########	########
16-309-02	WT - Overf	Chromcraf	WTN	Waypoint	93322	Aqueous	########	########
16-309-02	WT - Overf	Chromcraf	WTN	Waypoint	93322	Aqueous	########	########
16-309-02	WT - Overf	Chromcraf	WTN	Waypoint	93322	Aqueous	########	########
16-309-02	WT - Overf	Chromcraf	WTN	Waypoint	93322	Aqueous	########	########
16-309-02	WT - Overf	Chromcraf	WTN	Waypoint	93322	Aqueous	########	########
16-309-02	WT - Overf	Chromcraf	WTN	Waypoint	93322	Aqueous	########	########
16-309-02	WT - Overf	Chromcraf	WTN	Waypoint	93322	Aqueous	########	########
16-309-02	WT - Overf	Chromcraf	WTN	Waypoint	93322	Aqueous	########	########
16-309-02	WT - ST	Chromcraf	WTN	Waypoint	93323	Aqueous	########	########
16-309-02	WT - ST	Chromcraf	WTN	Waypoint	93323	Aqueous	########	########
16-309-02	WT - ST	Chromcraf	WTN	Waypoint	93323	Aqueous	########	########
16-309-02	WT - ST	Chromcraf	WTN	Waypoint	93323	Aqueous	########	########
16-309-02	WT - ST	Chromcraf	WTN	Waypoint	93323	Aqueous	########	########
16-309-02	WT - ST	Chromcraf	WTN	Waypoint	93323	Aqueous	########	########
16-309-02	WT - ST	Chromcraf	WTN	Waypoint	93323	Aqueous	########	########
16-309-02	WT - ST	Chromcraf	WTN	Waypoint	93323	Aqueous	########	########
16-309-02	WT - ST	Chromcraf	WTN	Waypoint	93323	Aqueous	########	########
16-309-02	WT - ST	Chromcraf	WTN	Waypoint	93323	Aqueous	########	########
16-309-02	WT - ST	Chromcraf	WTN	Waypoint	93323	Aqueous	########	########
16-309-02	WT - ST	Chromcraf	WTN	Waypoint	93323	Aqueous	########	########
16-309-02	WT - ST	Chromcraf	WTN	Waypoint	93323	Aqueous	########	########
16-309-02	WT - ST	Chromcraf	WTN	Waypoint	93323	Aqueous	########	########
16-309-02	WT - ST	Chromcraf	WTN	Waypoint	93323	Aqueous	########	########
16-309-02	WT - ST	Chromcraf	WTN	Waypoint	93323	Aqueous	########	########
16-309-02	WT - ST	Chromcraf	WTN	Waypoint	93323	Aqueous	########	########
16-309-02	WT - ST	Chromcraf	WTN	Waypoint	93323	Aqueous	########	########
16-309-02	WT - ST	Chromcraf	WTN	Waypoint	93323	Aqueous	########	########
16-309-02	WT - ST	Chromcraf	WTN	Waypoint	93323	Aqueous	########	########
16-309-02	WT - ST	Chromcraf	WTN	Waypoint	93323	Aqueous	########	########
16-309-02	WT - ST	Chromcraf	WTN	Waypoint	93323	Aqueous	########	########
16-309-02	WT - ST	Chromcraf	WTN	Waypoint	93323	Aqueous	########	########
16-309-02	WT - ST	Chromcraf	WTN	Waypoint	93323	Aqueous	########	########

16-309-02	WT - ST	Chromcraf	WTN	Waypoint	93323	Aqueous	########	########
16-309-02	WT - ST	Chromcraf	WTN	Waypoint	93323	Aqueous	########	########
16-309-02	WT - ST	Chromcraf	WTN	Waypoint	93323	Aqueous	########	########
16-309-02	WT - ST	Chromcraf	WTN	Waypoint	93323	Aqueous	########	########
16-309-02	WT - ST	Chromcraf	WTN	Waypoint	93323	Aqueous	########	########
16-309-02	WT - ST	Chromcraf	WTN	Waypoint	93323	Aqueous	########	########
16-309-02	WT - ST	Chromcraf	WTN	Waypoint	93323	Aqueous	########	########
16-309-02	WT - ST	Chromcraf	WTN	Waypoint	93323	Aqueous	########	########
16-309-02	WT - ST	Chromcraf	WTN	Waypoint	93323	Aqueous	########	########
16-309-02	WT - ST	Chromcraf	WTN	Waypoint	93323	Aqueous	########	########
16-309-02	WT - ST	Chromcraf	WTN	Waypoint	93323	Aqueous	########	########
16-309-02	WT - ST	Chromcraf	WTN	Waypoint	93323	Aqueous	########	########
16-309-02	WT - ST	Chromcraf	WTN	Waypoint	93323	Aqueous	########	########
16-309-02	WT - ST	Chromcraf	WTN	Waypoint	93323	Aqueous	########	########
16-309-02	WT - ST	Chromcraf	WTN	Waypoint	93323	Aqueous	########	########
16-309-02	WT - ST	Chromcraf	WTN	Waypoint	93323	Aqueous	########	########
16-309-02	WT - ST	Chromcraf	WTN	Waypoint	93323	Aqueous	########	########
16-309-02	WT - ST	Chromcraf	WTN	Waypoint	93323	Aqueous	########	########
16-309-02	WT - ST	Chromcraf	WTN	Waypoint	93323	Aqueous	########	########
16-309-02	WT - ST	Chromcraf	WTN	Waypoint	93323	Aqueous	########	########
16-309-02	WT - ST	Chromcraf	WTN	Waypoint	93323	Aqueous	########	########
16-309-02	WT - ST	Chromcraf	WTN	Waypoint	93323	Aqueous	########	########
16-309-02	WT - ST	Chromcraf	WTN	Waypoint	93323	Aqueous	########	########
16-309-02	WT - ST	Chromcraf	WTN	Waypoint	93323	Aqueous	########	########
16-309-02	WT - ST	Chromcraf	WTN	Waypoint	93323	Aqueous	########	########
16-309-02	WT - ST	Chromcraf	WTN	Waypoint	93323	Aqueous	########	########
16-309-02	WT - ST	Chromcraf	WTN	Waypoint	93323	Aqueous	########	########
16-309-02	WT - ST	Chromcraf	WTN	Waypoint	93323	Aqueous	########	########
16-309-02	WT - ST	Chromcraf	WTN	Waypoint	93323	Aqueous	########	########
16-309-02	WT - ST	Chromcraf	WTN	Waypoint	93323	Aqueous	########	########
16-309-02	WT - ST	Chromcraf	WTN	Waypoint	93323	Aqueous	########	########
16-309-02	WT - ST	Chromcraf	WTN	Waypoint	93323	Aqueous	########	########
16-309-02	WT - ST	Chromcraf	WTN	Waypoint	93323	Aqueous	########	########
16-309-02	WT - ST	Chromcraf	WTN	Waypoint	93323	Aqueous	########	########
16-309-02	WT - ST	Chromcraf	WTN	Waypoint	93323	Aqueous	########	########
16-309-02	WT - ST	Chromcraf	WTN	Waypoint	93323	Aqueous	########	########
16-309-02	WT - ST	Chromcraf	WTN	Waypoint	93323	Aqueous	########	########
16-309-02	WT - ST	Chromcraf	WTN	Waypoint	93323	Aqueous	########	########
16-309-02	WT - ST	Chromcraf	WTN	Waypoint	93323	Aqueous	########	########
16-309-02	WT - ST	Chromcraf	WTN	Waypoint	93323	Aqueous	########	########
16-309-02	WT - ST	Chromcraf	WTN	Waypoint	93323	Aqueous	########	########
16-309-02	WT - ST	Chromcraf	WTN	Waypoint	93323	Aqueous	########	########
16-309-02	WT - ST	Chromcraf	WTN	Waypoint	93323	Aqueous	########	########
16-309-02	WT - ST	Chromcraf	WTN	Waypoint	93323	Aqueous	########	########
16-309-02	WT - ST	Chromcraf	WTN	Waypoint	93323	Aqueous	########	########
16-309-02	WT - ST	Chromcraf	WTN	Waypoint	93323	Aqueous	########	########
16-309-02	WT - ST	Chromcraf	WTN	Waypoint	93323	Aqueous	########	########

16-309-02	WT - ST	Chromcraf WTN	Waypoint	93323	Aqueous	########	########
16-309-02	WT - ST	Chromcraf WTN	Waypoint	93323	Aqueous	########	########
16-309-02	WT - ST	Chromcraf WTN	Waypoint	93323	Aqueous	########	########
16-309-02	WT - ST	Chromcraf WTN	Waypoint	93323	Aqueous	########	########
16-309-02	WT - ST	Chromcraf WTN	Waypoint	93323	Aqueous	########	########
16-309-02	WT - ST	Chromcraf WTN	Waypoint	93323	Aqueous	########	########
16-309-02	WT - ST	Chromcraf WTN	Waypoint	93323	Aqueous	########	########
16-309-02	WT - ST	Chromcraf WTN	Waypoint	93323	Aqueous	########	########
16-309-02	WT - ST	Chromcraf WTN	Waypoint	93323	Aqueous	########	########
16-309-02	WT - ST	Chromcraf WTN	Waypoint	93323	Aqueous	########	########
16-309-02	WT - ST	Chromcraf WTN	Waypoint	93323	Aqueous	########	########
16-309-02	WT - ST	Chromcraf WTN	Waypoint	93323	Aqueous	########	########
16-309-02	WT - ST	Chromcraf WTN	Waypoint	93323	Aqueous	########	########
16-309-02	WT - ST	Chromcraf WTN	Waypoint	93323	Aqueous	########	########
16-309-02	WT - ST	Chromcraf WTN	Waypoint	93323	Aqueous	########	########
16-309-02	WT - ST	Chromcraf WTN	Waypoint	93323	Aqueous	########	########
16-309-02	WT - ST	Chromcraf WTN	Waypoint	93323	Aqueous	########	########
16-309-02	WT - ST	Chromcraf WTN	Waypoint	93323	Aqueous	########	########
16-309-02	WT - ST	Chromcraf WTN	Waypoint	93323	Aqueous	########	########
16-309-02	WT - ST	Chromcraf WTN	Waypoint	93323	Aqueous	########	########
16-309-02	WT - ST	Chromcraf WTN	Waypoint	93323	Aqueous	########	########
16-309-02	WT - ST	Chromcraf WTN	Waypoint	93323	Aqueous	########	########
16-309-02	WT - ST	Chromcraf WTN	Waypoint	93323	Aqueous	########	########
16-309-02	WT - ST	Chromcraf WTN	Waypoint	93323	Aqueous	########	########
16-309-02	WT - ST	Chromcraf WTN	Waypoint	93323	Aqueous	########	########
16-309-02	WT - ST	Chromcraf WTN	Waypoint	93323	Aqueous	########	########
16-309-02	WT - ST	Chromcraf WTN	Waypoint	93323	Aqueous	########	########
16-309-02	WT - ST	Chromcraf WTN	Waypoint	93323	Aqueous	########	########
16-309-02	WT - ST	Chromcraf WTN	Waypoint	93323	Aqueous	########	########
16-309-02	WT - ST	Chromcraf WTN	Waypoint	93323	Aqueous	########	########
16-309-02	WT - ST	Chromcraf WTN	Waypoint	93323	Aqueous	########	########
16-309-02	WT - ST	Chromcraf WTN	Waypoint	93323	Aqueous	########	########
16-309-02	WT - ST	Chromcraf WTN	Waypoint	93323	Aqueous	########	########
16-309-02	WT - ST	Chromcraf WTN	Waypoint	93323	Aqueous	########	########
16-309-02	WT - ST	Chromcraf WTN	Waypoint	93323	Aqueous	########	########
16-309-02	WT - ST	Chromcraf WTN	Waypoint	93323	Aqueous	########	########
16-309-02	WT - ST	Chromcraf WTN	Waypoint	93323	Aqueous	########	########
16-309-02	WT - ST	Chromcraf WTN	Waypoint	93323	Aqueous	########	########
16-309-02	WT - ST	Chromcraf WTN	Waypoint	93323	Aqueous	########	########
16-309-02	WT - ST	Chromcraf WTN	Waypoint	93323	Aqueous	########	########
16-309-02	WT - ST	Chromcraf WTN	Waypoint	93323	Aqueous	########	########
16-309-02	WT - ST	Chromcraf WTN	Waypoint	93323	Aqueous	########	########
16-309-02	WT - ST	Chromcraf WTN	Waypoint	93323	Aqueous	########	########
16-309-02	WT - ST	Chromcraf WTN	Waypoint	93323	Aqueous	########	########
16-309-02	WT - ST	Chromcraf WTN	Waypoint	93323	Aqueous	########	########
16-309-02	WT - ST	Chromcraf WTN	Waypoint	93323	Aqueous	########	########
16-309-02	WT - ST	Chromcraf WTN	Waypoint	93323	Aqueous	########	########

16-309-02	WT - ST	Chromcraf WTN	Waypoint	93323	Aqueous	########	########
16-309-02	WT - ST	Chromcraf WTN	Waypoint	93323	Aqueous	########	########
16-309-02	WT - ST	Chromcraf WTN	Waypoint	93323	Aqueous	########	########
16-309-02	WT - ST	Chromcraf WTN	Waypoint	93323	Aqueous	########	########
16-309-02	WT - ST	Chromcraf WTN	Waypoint	93323	Aqueous	########	########

DateTime	CAS Numb	Analyte De	Result	Unit of Me	Qualifier	Dilution Fa	Quantitatio	Method
########	7440-38-2	TCLP Arser	0.9	mg/L		10	0.25	SW-6010C (TCLP)
########	7440-39-3	TCLP Bariu	0.031	mg/L		1	0.025	SW-6010C (TCLP)
########	7440-43-9	TCLP Cadm	<0.005	mg/L		1	0.005	SW-6010C (TCLP)
########	7440-47-3	TCLP Chror	19.5	mg/L		1	0.01	SW-6010C (TCLP)
########	7439-92-1	TCLP Lead	0.025	mg/L		1	0.01	SW-6010C (TCLP)
########	7439-97-6	TCLP Merc	<0.0200	mg/L		1	0.02	SW-7470A (TCLP)
########		TCLP Meta	Leachate			1		SW-1311
########	7782-49-2	TCLP Selen	<0.500	mg/L		10	0.5	SW-6010C (TCLP)
########	7440-22-4	TCLP Silver	<0.005	mg/L		1	0.005	SW-6010C (TCLP)
########	7440-38-2	TCLP Arser	<0.025	mg/L		1	0.025	SW-6010C (TCLP)
########	7440-39-3	TCLP Bariu	<0.250	mg/L		10	0.25	SW-6010C (TCLP)
########	7440-43-9	TCLP Cadm	<0.050	mg/L		10	0.05	SW-6010C (TCLP)
########	7440-47-3	TCLP Chror	9.6	mg/L		10	0.1	SW-6010C (TCLP)
########	7439-92-1	TCLP Lead	<0.100	mg/L		10	0.1	SW-6010C (TCLP)
########	7439-97-6	TCLP Merc	<0.0200	mg/L		1	0.02	SW-7470A (TCLP)
########		TCLP Meta	Leachate			1		SW-1311
########	7782-49-2	TCLP Selen	<0.050	mg/L		1	0.05	SW-6010C (TCLP)
########	7440-22-4	TCLP Silver	<0.050	mg/L		10	0.05	SW-6010C (TCLP)
########	7440-38-2	TCLP Arser	<0.025	mg/L		1	0.025	SW-6010C (TCLP)
########	7440-39-3	TCLP Bariu	0.275	mg/L		1	0.025	SW-6010C (TCLP)
########	7440-43-9	TCLP Cadm	0.018	mg/L		1	0.005	SW-6010C (TCLP)
########	7440-47-3	TCLP Chror	<0.010	mg/L		1	0.01	SW-6010C (TCLP)
########	7439-92-1	TCLP Lead	<0.010	mg/L		1	0.01	SW-6010C (TCLP)
########	7439-97-6	TCLP Merc	<0.0200	mg/L		1	0.02	SW-7470A (TCLP)
########		TCLP Meta	Leachate			1		SW-1311
########	7782-49-2	TCLP Selen	<0.050	mg/L		1	0.05	SW-6010C (TCLP)
########	7440-22-4	TCLP Silver	<0.005	mg/L		1	0.005	SW-6010C (TCLP)
########	PHLAB	pH	10.4	s.u.		1		SM-4500H+B
########	PHLAB	pH	1	s.u.		1		SM-4500H+B
########	53-70-3		<0.325	µg/L		1	2	EPA-625
########	71-55-6	111-Trichlo	<1.63	µg/L		10	10	EPA-624
########	79-34-5	1122-Tetra	<4.82	µg/L		10	10	EPA-624
########	79-00-5	112-Trichlo	<2.16	µg/L		10	10	EPA-624
########	75-34-3	11-Dichlor	<1.68	µg/L		10	10	EPA-624
########	75-35-4	11-Dichlor	<1.38	µg/L		10	10	EPA-624
########	120-82-1	124-Trichlo	<0.494	µg/L		1	5	EPA-625
########	95-50-1	12-Dichlor	<0.731	µg/L		1	5	EPA-625
########	107-06-2	12-Dichlor	<1.00	µg/L		10	10	EPA-624
########	78-87-5	12-Dichlor	<3.29	µg/L		10	10	EPA-624
########	122-66-7	12-Diphen	<0.408	µg/L		1	5	EPA-625
########	156-60-5	12-Trans-d	<1.73	µg/L		10	10	EPA-624
########	541-73-1	13-Dichlor	<0.726	µg/L		1	5	EPA-625
########	106-46-7	14-Dichlor	<0.547	µg/L		1	5	EPA-625
########	88-06-2	246-Trichlo	<0.415	µg/L		1	5	EPA-625
########	120-83-2	24-Dichlor	0.518	µg/L	J	1	5	EPA-625
########	105-67-9	24-Dimeth	<0.842	µg/L		1	5	EPA-625

########	51-28-5	24-Dinitro	<0.229	µg/L	1	5	EPA-625
########	121-14-2	24-Dinitrot	<0.958	µg/L	1	5	EPA-625
########	606-20-2	26-Dinitrot	<0.705	µg/L	1	5	EPA-625
########	110-75-8	2-Chloroet	<8.02	µg/L	10	50	EPA-624
########	91-58-7	2-Chlorona	<0.544	µg/L	1	5	EPA-625
########	95-57-8	2-Chloropl	<0.520	µg/L	1	5	EPA-625
########	88-75-5	2-Nitrophe	<0.504	µg/L	1	5	EPA-625
########	91-94-1	33-Dichlor	<0.664	µg/L	1	5	EPA-625
########	72-54-8	44-DDD	<0.0120	µg/L	10	0.04	EPA-608
########	72-55-9	44-DDE	<0.0101	µg/L	10	0.04	EPA-608
########	50-29-3	44-DDT	<0.0138	µg/L	10	0.04	EPA-608
########	534-52-1	46-Dinitro-	<0.454	µg/L	1	10	EPA-625
########	101-55-3	4-Bromopl	<0.415	µg/L	1	5	EPA-625
########	59-50-7	4-Chloro-3	<0.343	µg/L	1	5	EPA-625
########	7005-72-3	4-Chloropl	<0.230	µg/L	1	5	EPA-625
########	100-02-7	4-Nitrophe	<0.373	µg/L	1	20	EPA-625
########	83-32-9	Acenaphth	<0.480	µg/L	1	2	EPA-625
########	208-96-8	Acenaphth	<0.418	µg/L	1	2	EPA-625
########	107-02-8	Acrolein	<17.2	µg/L	10	200	EPA-624
########	107-13-1	Acrylonitril	<10.3	µg/L	10	200	EPA-624
########	309-00-2	Aldrin	<0.00983	µg/L	10	0.04	EPA-608
########	319-84-6	alpha-BHC	<0.00700	µg/L	10	0.04	EPA-608
########	959-98-8	Alpha-end	<0.0182	µg/L	10	0.04	EPA-608
########	120-12-7	Anthracen	<0.452	µg/L	1	2	EPA-625
########	12674-11-	Aroclor 10	<0.0351	µg/L	1	0.2	EPA-608 (PCB)
########	11104-28-	Aroclor 12	<0.167	µg/L	1	0.2	EPA-608 (PCB)
########	11141-16-	Aroclor 12	<0.167	µg/L	1	0.2	EPA-608 (PCB)
########	53469-21-	Aroclor 12	<0.167	µg/L	1	0.2	EPA-608 (PCB)
########	12672-29-	Aroclor 12	<0.167	µg/L	1	0.2	EPA-608 (PCB)
########	11097-69-	Aroclor 12	<0.167	µg/L	1	0.2	EPA-608 (PCB)
########	11096-82-	Aroclor 12	<0.0513	µg/L	1	0.2	EPA-608 (PCB)
########	71-43-2	Benzene	<1.47	µg/L	10	10	EPA-624
########	92-87-5	Benzidine	<1.08	µg/L	1	20	EPA-625
########	56-55-3	Benzo(a)ar	<0.263	µg/L	1	2	EPA-625
########	50-32-8	Benzo(a)p	<0.238	µg/L	1	2	EPA-625
########	205-99-2	Benzo(b)fl	<0.315	µg/L	1	2	EPA-625
########	191-24-2	Benzo(ghi)	<0.501	µg/L	1	2	EPA-625
########	207-08-9	Benzo(k)fl	<0.422	µg/L	1	2	EPA-625
########	319-85-7	beta-BHC	<0.0193	µg/L	10	0.04	EPA-608
########	33213-65-	Beta-endo	<0.0220	µg/L	10	0.04	EPA-608
########	111-91-1	Bis(2-Chlor	<0.307	µg/L	1	5	EPA-625
########	111-44-4	Bis(2-Chlor	<0.482	µg/L	1	5	EPA-625
########	108-60-1	Bis(2-Chlor	<0.568	µg/L	1	5	EPA-625
########	117-81-7	Bis(2-ethyl	<0.534	µg/L	1	10	EPA-625
########	75-27-4	Bromodich	<2.04	µg/L	10	10	EPA-624
########	75-25-2	Bromofor	<4.65	µg/L	10	10	EPA-624
########	74-83-9	Bromomet	<4.88	µg/L	10	10	EPA-624

########	85-68-7	Butyl benz	<0.378	µg/L		1	5	EPA-625	
########	56-23-5	Carbon Tet	<2.11	µg/L		10	10	EPA-624	
########	57-74-9	Chlordane	<0.0670	µg/L		10	0.2	EPA-608	
########	108-90-7	Chloroben	<4.52	µg/L		10	10	EPA-624	
########	124-48-1	Chlorodibr	<2.54	µg/L		10	10	EPA-624	
########	75-00-3	Chloroeth	<5.92	µg/L		10	10	EPA-624	
########	67-66-3	Chloroforn	<1.97	µg/L		10	10	EPA-624	
########	74-87-3	Chloromet	<5.39	µg/L		10	10	EPA-624	
########	218-01-9	Chrysene	<0.373	µg/L		1	2	EPA-625	
########	10061-01-!	cis-13-Dich	<1.71	µg/L		10	10	EPA-624	
########	57-12-5	Cyanide To	0.019	mg/L		1	0.005	SM-4500CNE	
########	319-86-8	delta-BHC	<0.0143	µg/L		10	0.04	EPA-608	
########	75-71-8	Dichlorodif	<7.12	µg/L		10	10	EPA-624	
########	60-57-1	Dieldrin	<0.00942	µg/L		10	0.04	EPA-608	
########	84-66-2	Diethyl pht	<0.234	µg/L		1	5	EPA-625	
########	131-11-3	Dimethyl p	<0.384	µg/L		1	5	EPA-625	
########	84-74-2	Di-n-butyl	<0.401	µg/L		1	5	EPA-625	
########	117-84-0	Di-n-Octyl	<0.353	µg/L		1	5	EPA-625	
########	1746-01-6	Dioxin (237	<0.200	µg/L		1	1	EPA-625	(Z DIOXIN SCI
########	1031-07-8	Endosulfar	<0.0240	µg/L		10	0.04	EPA-608	
########	72-20-8	Endrin	<0.00327	µg/L		10	0.04	EPA-608	
########	7421-93-4	Endrin Alde	<0.00503	µg/L		10	0.04	EPA-608	
########	100-41-4	Ethylbenze	<2.76	µg/L		10	10	EPA-624	
########	206-44-0	Fluoranthe	<0.439	µg/L		1	2	EPA-625	
########	86-73-7	Fluorene	<0.292	µg/L		1	2	EPA-625	
########	58-89-9	gamma-BH	0.00405	µg/L	J	10	0.04	EPA-608	
########	76-44-8	Heptachlor	<0.00275	µg/L		10	0.04	EPA-608	
########	1024-57-3	Heptachlor	<0.00282	µg/L		10	0.04	EPA-608	
########	118-74-1	Hexachlorc	<0.310	µg/L		1	5	EPA-625	
########	87-68-3	Hexachlorc	<0.653	µg/L		1	5	EPA-625	
########	77-47-4	Hexachlorc	<0.232	µg/L		1	5	EPA-625	
########	67-72-1	Hexachlorc	<0.582	µg/L		1	5	EPA-625	
########	193-39-5	Indeno(123	<0.518	µg/L		1	2	EPA-625	
########	78-59-1	Isophoron	<0.189	µg/L		1	5	EPA-625	
########	75-09-2	Methylene	<37.5	µg/L		10	100	EPA-624	
########	91-20-3	Naphthale	<0.304	µg/L		1	2	EPA-625	
########	98-95-3	Nitrobenze	<0.355	µg/L		1	5	EPA-625	
########	62-75-9	N-Nitrosod	<0.370	µg/L		1	5	EPA-625	
########	621-64-7	N-Nitroso-	<0.561	µg/L		1	5	EPA-625	
########	86-30-6	N-Nitrosod	<0.406	µg/L		1	10	EPA-625	
########	87-86-5	Pentachlor	<0.540	µg/L		1	5	EPA-625	
########	PHLAB	pH	8.8	s.u.		1		SM-4500H+B	
########	85-01-8	Phenanthr	<0.455	µg/L		1	2	EPA-625	
########	108-95-2	Phenol	<0.258	µg/L		1	5	EPA-625	
########	129-00-0	Pyrene	<0.526	µg/L		1	2	EPA-625	
########	127-18-4	Tetrachlor	<2.65	µg/L		10	10	EPA-624	
########	108-88-3	Toluene	<2.03	µg/L		10	50	EPA-624	

########	7440-43-9	Total Cadm	<0.0005	mg/L		1	0.002	EPA-200.7
########	7440-47-3	Total Chro	0.011	mg/L		1	0.005	EPA-200.7
########	7440-50-8	Total Copp	0.01	mg/L		1	0.005	EPA-200.7
########	7439-92-1	Total Lead	<0.003	mg/L		1	0.006	EPA-200.7
########	7440-02-0	Total Nicke	0.526	mg/L		1	0.005	EPA-200.7
########	7440-22-4	Total Silve	<0.001	mg/L		1	0.005	EPA-200.7
########	7440-66-6	Total Zinc	0.006	mg/L	J	1	0.01	EPA-200.7
########	8001-35-2	Toxaphene	<0.100	µg/L		10	0.3	EPA-608
########	10061-02-(	trans-13-D	<2.33	µg/L		10	10	EPA-624
########	79-01-6	Trichloroet	<2.73	µg/L		10	10	EPA-624
########	75-69-4	Trichlorofl	<3.08	µg/L		10	10	EPA-624
########	75-01-4	Vinyl Chlor	<3.94	µg/L		10	10	EPA-624
########	53-70-3		<0.651	µg/L		1	4	EPA-625
########	71-55-6	111-Trichlo	<1.63	µg/L		10	10	EPA-624
########	79-34-5	1122-Tetra	<4.82	µg/L		10	10	EPA-624
########	79-00-5	112-Trichlo	<2.16	µg/L		10	10	EPA-624
########	75-34-3	11-Dichlor	<1.68	µg/L		10	10	EPA-624
########	75-35-4	11-Dichlor	<1.38	µg/L		10	10	EPA-624
########	120-82-1	124-Trichlo	<0.988	µg/L		1	10	EPA-625
########	95-50-1	12-Dichlor	<1.46	µg/L		1	10	EPA-625
########	107-06-2	12-Dichlor	<1.00	µg/L		10	10	EPA-624
########	78-87-5	12-Dichlor	<3.29	µg/L		10	10	EPA-624
########	122-66-7	12-Diphen	<0.817	µg/L		1	10	EPA-625
########	156-60-5	12-Trans-d	<1.73	µg/L		10	10	EPA-624
########	541-73-1	13-Dichlor	<1.45	µg/L		1	10	EPA-625
########	106-46-7	14-Dichlor	<1.09	µg/L		1	10	EPA-625
########	88-06-2	246-Trichlo	<0.831	µg/L		1	10	EPA-625
########	120-83-2	24-Dichlor	1.12	µg/L	J	1	10	EPA-625
########	105-67-9	24-Dimeth	<1.69	µg/L		1	10	EPA-625
########	51-28-5	24-Dinitrop	<0.458	µg/L		1	10	EPA-625
########	121-14-2	24-Dinitrot	<1.92	µg/L		1	10	EPA-625
########	606-20-2	26-Dinitrot	<1.41	µg/L		1	10	EPA-625
########	110-75-8	2-Chloroet	<8.02	µg/L		10	50	EPA-624
########	91-58-7	2-Chlorona	<1.09	µg/L		1	10	EPA-625
########	95-57-8	2-Chloroph	<1.04	µg/L		1	10	EPA-625
########	88-75-5	2-Nitrophe	<1.01	µg/L		1	10	EPA-625
########	91-94-1	33-Dichlor	<1.33	µg/L		1	10	EPA-625
########	72-54-8	44-DDD	0.0269	µg/L	QJ	10	0.08	EPA-608
########	72-55-9	44-DDE	<0.0201	µg/L		10	0.08	EPA-608
########	50-29-3	44-DDT	<0.0276	µg/L		10	0.08	EPA-608
########	534-52-1	46-Dinitro-	<0.908	µg/L		1	20	EPA-625
########	101-55-3	4-Bromoph	<0.831	µg/L		1	10	EPA-625
########	59-50-7	4-Chloro-3	<0.686	µg/L		1	10	EPA-625
########	7005-72-3	4-Chloroph	<0.461	µg/L		1	10	EPA-625
########	100-02-7	4-Nitrophe	<0.746	µg/L		1	40	EPA-625
########	83-32-9	Acenaphth	<0.960	µg/L		1	4	EPA-625
########	208-96-8	Acenaphth	<0.836	µg/L		1	4	EPA-625

########	107-02-8	Acrolein	<17.2	µg/L	10	200	EPA-624
########	107-13-1	Acrylonitril	<10.3	µg/L	10	200	EPA-624
########	309-00-2	Aldrin	<0.0197	µg/L	10	0.08	EPA-608
########	319-84-6	alpha-BHC	<0.0140	µg/L	10	0.08	EPA-608
########	959-98-8	Alpha-end	<0.0364	µg/L	10	0.08	EPA-608
########	120-12-7	Anthracen	<0.905	µg/L	1	4	EPA-625
########	12674-11-2	Aroclor 10	<0.0702	µg/L	1	0.4	EPA-608 (PCB)
########	11104-28-2	Aroclor 12	<0.334	µg/L	1	0.4	EPA-608 (PCB)
########	11141-16-5	Aroclor 12	<0.334	µg/L	1	0.4	EPA-608 (PCB)
########	53469-21-9	Aroclor 12	<0.334	µg/L	1	0.4	EPA-608 (PCB)
########	12672-29-6	Aroclor 12	<0.334	µg/L	1	0.4	EPA-608 (PCB)
########	11097-69-1	Aroclor 12	<0.334	µg/L	1	0.4	EPA-608 (PCB)
########	11096-82-5	Aroclor 12	<0.103	µg/L	1	0.4	EPA-608 (PCB)
########	71-43-2	Benzene	<1.47	µg/L	10	10	EPA-624
########	92-87-5	Benzidine	<2.16	µg/L	1	40	EPA-625
########	56-55-3	Benzo(a)ar	<0.526	µg/L	1	4	EPA-625
########	50-32-8	Benzo(a)py	<0.477	µg/L	1	4	EPA-625
########	205-99-2	Benzo(b)flu	<0.631	µg/L	1	4	EPA-625
########	191-24-2	Benzo(ghi)	<1.00	µg/L	1	4	EPA-625
########	207-08-9	Benzo(k)flu	<0.845	µg/L	1	4	EPA-625
########	319-85-7	beta-BHC	<0.0387	µg/L	10	0.08	EPA-608
########	33213-65-9	Beta-endo	<0.0439	µg/L	10	0.08	EPA-608
########	111-91-1	Bis(2-Chlor	<0.615	µg/L	1	10	EPA-625
########	111-44-4	Bis(2-Chlor	<0.965	µg/L	1	10	EPA-625
########	108-60-1	Bis(2-Chlor	<1.14	µg/L	1	10	EPA-625
########	117-81-7	Bis(2-ethyl	<1.07	µg/L	1	20	EPA-625
########	75-27-4	Bromodich	<2.04	µg/L	10	10	EPA-624
########	75-25-2	Bromoforn	<4.65	µg/L	10	10	EPA-624
########	74-83-9	Bromomet	<4.88	µg/L	10	10	EPA-624
########	85-68-7	Butyl benz	<0.757	µg/L	1	10	EPA-625
########	56-23-5	Carbon Tet	<2.11	µg/L	10	10	EPA-624
########	57-74-9	Chlordane	<0.134	µg/L	10	0.4	EPA-608
########	108-90-7	Chloroben	<4.52	µg/L	10	10	EPA-624
########	124-48-1	Chlorodibr	<2.54	µg/L	10	10	EPA-624
########	75-00-3	Chloroetha	<5.92	µg/L	10	10	EPA-624
########	67-66-3	Chloroforn	<1.97	µg/L	10	10	EPA-624
########	74-87-3	Chloromet	<5.39	µg/L	10	10	EPA-624
########	218-01-9	Chrysene	<0.746	µg/L	1	4	EPA-625
########	10061-01-5	cis-13-Dich	<1.71	µg/L	10	10	EPA-624
########	57-12-5	Cyanide To	0.19	mg/L	1	0.005	SM-4500CNE
########	319-86-8	delta-BHC	<0.0285	µg/L	10	0.08	EPA-608
########	75-71-8	Dichlorodif	<7.12	µg/L	10	10	EPA-624
########	60-57-1	Dieldrin	<0.0188	µg/L	10	0.08	EPA-608
########	84-66-2	Diethyl pht	<0.469	µg/L	1	10	EPA-625
########	131-11-3	Dimethyl p	<0.769	µg/L	1	10	EPA-625
########	84-74-2	Di-n-butyl	<0.803	µg/L	1	10	EPA-625
########	117-84-0	Di-n-Octyl	<0.707	µg/L	1	10	EPA-625

########	1746-01-6	Dioxin (237	<0.400	µg/L		1	1	EPA-625 (Z DIOXIN SCI	
########	1031-07-8	Endosulfar	<0.0480	µg/L		10	0.08	EPA-608	
########	72-20-8	Endrin	<0.00654	µg/L		10	0.08	EPA-608	
########	7421-93-4	Endrin Alde	0.014	µg/L	QJ	10	0.08	EPA-608	
########	100-41-4	Ethylbenze	<2.76	µg/L		10	10	EPA-624	
########	206-44-0	Fluoranthe	<0.879	µg/L		1	4	EPA-625	
########	86-73-7	Fluorene	<0.585	µg/L		1	4	EPA-625	
########	58-89-9	gamma-BH	<0.00610	µg/L		10	0.08	EPA-608	
########	76-44-8	Heptachlor	<0.00550	µg/L		10	0.08	EPA-608	
########	1024-57-3	Heptachlor	<0.00564	µg/L		10	0.08	EPA-608	
########	118-74-1	Hexachlorc	<0.621	µg/L		1	10	EPA-625	
########	87-68-3	Hexachlorc	<1.31	µg/L		1	10	EPA-625	
########	77-47-4	Hexachlorc	<0.464	µg/L		1	10	EPA-625	
########	67-72-1	Hexachlorc	<1.17	µg/L		1	10	EPA-625	
########	193-39-5	Indeno(123	<1.04	µg/L		1	4	EPA-625	
########	78-59-1	Isophorone	<0.379	µg/L		1	10	EPA-625	
########	75-09-2	Methylene	<37.5	µg/L		10	100	EPA-624	
########	91-20-3	Naphthalen	<0.608	µg/L		1	4	EPA-625	
########	98-95-3	Nitrobenze	<0.710	µg/L		1	10	EPA-625	
########	62-75-9	N-Nitrosod	<0.741	µg/L		1	10	EPA-625	
########	621-64-7	N-Nitroso-	<1.12	µg/L		1	10	EPA-625	
########	86-30-6	N-Nitrosod	<0.812	µg/L		1	20	EPA-625	
########	87-86-5	Pentachlor	<1.08	µg/L		1	10	EPA-625	
########	PHLAB	pH	8.5	s.u.		1		SM-4500H+B	
########	85-01-8	Phenanthr	<0.911	µg/L		1	4	EPA-625	
########	108-95-2	Phenol	<0.517	µg/L		1	10	EPA-625	
########	129-00-0	Pyrene	<1.05	µg/L		1	4	EPA-625	
########	127-18-4	Tetrachlor	<2.65	µg/L		10	10	EPA-624	
########	108-88-3	Toluene	<2.03	µg/L		10	50	EPA-624	
########	7440-43-9	Total Cadm	<0.0005	mg/L		1	0.002	EPA-200.7	
########	7440-47-3	Total Chro	0.005	mg/L		1	0.005	EPA-200.7	
########	7440-50-8	Total Copp	0.097	mg/L		1	0.005	EPA-200.7	
########	7439-92-1	Total Lead	0.011	mg/L		1	0.006	EPA-200.7	
########	7440-02-0	Total Nicke	3.88	mg/L		1	0.005	EPA-200.7	
########	7440-22-4	Total Silver	<0.001	mg/L		1	0.005	EPA-200.7	
########	7440-66-6	Total Zinc	0.006	mg/L	J	1	0.01	EPA-200.7	
########	8001-35-2	Toxaphene	<0.200	µg/L		10	0.6	EPA-608	
########	10061-02-	trans-13-D	<2.33	µg/L		10	10	EPA-624	
########	79-01-6	Trichloroet	<2.73	µg/L		10	10	EPA-624	
########	75-69-4	Trichlorofl	<3.08	µg/L		10	10	EPA-624	
########	75-01-4	Vinyl Chlor	<3.94	µg/L		10	10	EPA-624	
########	53-70-3		<0.325	µg/L		1	2	EPA-625	
########	71-55-6	111-Trichlo	<1.63	µg/L		10	10	EPA-624	
########	79-34-5	1122-Tetra	<4.82	µg/L		10	10	EPA-624	
########	79-00-5	112-Trichlo	<2.16	µg/L		10	10	EPA-624	
########	75-34-3	11-Dichlor	<1.68	µg/L		10	10	EPA-624	
########	75-35-4	11-Dichlor	<1.38	µg/L		10	10	EPA-624	

########	120-82-1	124-Trichlc	<0.494	µg/L			1	5	EPA-625
########	95-50-1	12-Dichlor	<0.731	µg/L			1	5	EPA-625
########	107-06-2	12-Dichlor	<1.00	µg/L			10	10	EPA-624
########	78-87-5	12-Dichlor	<3.29	µg/L			10	10	EPA-624
########	122-66-7	12-Diphen	<0.408	µg/L			1	5	EPA-625
########	156-60-5	12-Trans-d	<1.73	µg/L			10	10	EPA-624
########	541-73-1	13-Dichlor	<0.726	µg/L			1	5	EPA-625
########	106-46-7	14-Dichlor	<0.547	µg/L			1	5	EPA-625
########	88-06-2	246-Trichlc	0.863	µg/L	J		1	5	EPA-625
########	120-83-2	24-Dichlor	<0.317	µg/L			1	5	EPA-625
########	105-67-9	24-Dimeth	<0.842	µg/L			1	5	EPA-625
########	51-28-5	24-Dinitro	<0.229	µg/L			1	5	EPA-625
########	121-14-2	24-Dinitrot	<0.958	µg/L			1	5	EPA-625
########	606-20-2	26-Dinitrot	<0.705	µg/L			1	5	EPA-625
########	110-75-8	2-Chloroet	<8.02	µg/L			10	50	EPA-624
########	91-58-7	2-Chlorona	<0.544	µg/L			1	5	EPA-625
########	95-57-8	2-Chloroph	<0.520	µg/L			1	5	EPA-625
########	88-75-5	2-Nitrophe	<0.504	µg/L			1	5	EPA-625
########	91-94-1	33-Dichlor	<0.664	µg/L			1	5	EPA-625
########	72-54-8	44-DDD	0.0251	µg/L	QJ		10	0.04	EPA-608
########	72-55-9	44-DDE	<0.0101	µg/L			10	0.04	EPA-608
########	50-29-3	44-DDT	<0.0138	µg/L			10	0.04	EPA-608
########	534-52-1	46-Dinitro-	<0.454	µg/L			1	10	EPA-625
########	101-55-3	4-Bromoph	<0.415	µg/L			1	5	EPA-625
########	59-50-7	4-Chloro-3	<0.343	µg/L			1	5	EPA-625
########	7005-72-3	4-Chloroph	<0.230	µg/L			1	5	EPA-625
########	100-02-7	4-Nitrophe	<0.373	µg/L			1	20	EPA-625
########	83-32-9	Acenaphth	<0.480	µg/L			1	2	EPA-625
########	208-96-8	Acenaphth	<0.418	µg/L			1	2	EPA-625
########	107-02-8	Acrolein	<17.2	µg/L			10	200	EPA-624
########	107-13-1	Acrylonitril	<10.3	µg/L			10	200	EPA-624
########	309-00-2	Aldrin	<0.00983	µg/L			10	0.04	EPA-608
########	319-84-6	alpha-BHC	<0.00700	µg/L			10	0.04	EPA-608
########	959-98-8	Alpha-end	<0.0182	µg/L			10	0.04	EPA-608
########	120-12-7	Anthracen	<0.452	µg/L			1	2	EPA-625
########	12674-11-2	Aroclor 10	<0.0351	µg/L			1	0.2	EPA-608 (PCB)
########	11104-28-2	Aroclor 12	<0.167	µg/L			1	0.2	EPA-608 (PCB)
########	11141-16-5	Aroclor 12	<0.167	µg/L			1	0.2	EPA-608 (PCB)
########	53469-21-9	Aroclor 12	<0.167	µg/L			1	0.2	EPA-608 (PCB)
########	12672-29-6	Aroclor 12	<0.167	µg/L			1	0.2	EPA-608 (PCB)
########	11097-69-1	Aroclor 12	<0.167	µg/L			1	0.2	EPA-608 (PCB)
########	11096-82-5	Aroclor 12	<0.0513	µg/L			1	0.2	EPA-608 (PCB)
########	71-43-2	Benzene	<1.47	µg/L			10	10	EPA-624
########	92-87-5	Benzidine	<1.08	µg/L			1	20	EPA-625
########	56-55-3	Benzo(a)ar	<0.263	µg/L			1	2	EPA-625
########	50-32-8	Benzo(a)py	<0.238	µg/L			1	2	EPA-625
########	205-99-2	Benzo(b)flu	<0.315	µg/L			1	2	EPA-625

########	191-24-2	Benzo(ghi)	<0.501	µg/L		1	2	EPA-625	
########	207-08-9	Benzo(k)flu	<0.422	µg/L		1	2	EPA-625	
########	319-85-7	beta-BHC	<0.0193	µg/L		10	0.04	EPA-608	
########	33213-65-9	Beta-endo	<0.0220	µg/L		10	0.04	EPA-608	
########	111-91-1	Bis(2-Chlor	<0.307	µg/L		1	5	EPA-625	
########	111-44-4	Bis(2-Chlor	<0.482	µg/L		1	5	EPA-625	
########	108-60-1	Bis(2-Chlor	<0.568	µg/L		1	5	EPA-625	
########	117-81-7	Bis(2-ethyl	<0.534	µg/L		1	10	EPA-625	
########	75-27-4	Bromodich	<2.04	µg/L		10	10	EPA-624	
########	75-25-2	Bromoform	<4.65	µg/L		10	10	EPA-624	
########	74-83-9	Bromomet	<4.88	µg/L		10	10	EPA-624	
########	85-68-7	Butyl benz	<0.378	µg/L		1	5	EPA-625	
########	56-23-5	Carbon Tet	<2.11	µg/L		10	10	EPA-624	
########	57-74-9	Chlordane	<0.0670	µg/L		10	0.2	EPA-608	
########	108-90-7	Chloroben	<4.52	µg/L		10	10	EPA-624	
########	124-48-1	Chlorodibr	<2.54	µg/L		10	10	EPA-624	
########	75-00-3	Chloroetha	<5.92	µg/L		10	10	EPA-624	
########	67-66-3	Chloroform	<1.97	µg/L		10	10	EPA-624	
########	74-87-3	Chloromet	<5.39	µg/L		10	10	EPA-624	
########	218-01-9	Chrysene	<0.373	µg/L		1	2	EPA-625	
########	10061-01-5	cis-13-Dich	<1.71	µg/L		10	10	EPA-624	
########	57-12-5	Cyanide To	0.043	mg/L		1	0.005	SM-4500CNE	
########	319-86-8	delta-BHC	1.03	µg/L	Q	10	0.04	EPA-608	
########	75-71-8	Dichlorodif	<7.12	µg/L		10	10	EPA-624	
########	60-57-1	Dieldrin	<0.00942	µg/L		10	0.04	EPA-608	
########	84-66-2	Diethyl pht	<0.234	µg/L		1	5	EPA-625	
########	131-11-3	Dimethyl p	<0.384	µg/L		1	5	EPA-625	
########	84-74-2	Di-n-butyl	<0.401	µg/L		1	5	EPA-625	
########	117-84-0	Di-n-Octyl	<0.353	µg/L		1	5	EPA-625	
########	1746-01-6	Dioxin (237	<0.200	µg/L		1	1	EPA-625	(Z DIOXIN SCI
########	1031-07-8	Endosulfan	<0.0240	µg/L		10	0.04	EPA-608	
########	72-20-8	Endrin	<0.00327	µg/L		10	0.04	EPA-608	
########	7421-93-4	Endrin Alde	<0.00503	µg/L		10	0.04	EPA-608	
########	100-41-4	Ethylbenze	<2.76	µg/L		10	10	EPA-624	
########	206-44-0	Fluoranthe	<0.439	µg/L		1	2	EPA-625	
########	86-73-7	Fluorene	<0.292	µg/L		1	2	EPA-625	
########	58-89-9	gamma-BH	0.0114	µg/L	QJ	10	0.04	EPA-608	
########	76-44-8	Heptachlor	<0.00275	µg/L		10	0.04	EPA-608	
########	1024-57-3	Heptachlor	<0.00282	µg/L		10	0.04	EPA-608	
########	118-74-1	Hexachlorc	<0.310	µg/L		1	5	EPA-625	
########	87-68-3	Hexachlorc	<0.653	µg/L		1	5	EPA-625	
########	77-47-4	Hexachlorc	<0.232	µg/L		1	5	EPA-625	
########	67-72-1	Hexachlorc	<0.582	µg/L		1	5	EPA-625	
########	193-39-5	Indeno(123	<0.518	µg/L		1	2	EPA-625	
########	78-59-1	Isophorone	<0.189	µg/L		1	5	EPA-625	
########	75-09-2	Methylene	<37.5	µg/L		10	100	EPA-624	
########	91-20-3	Naphthale	<0.304	µg/L		1	2	EPA-625	

########	98-95-3	Nitrobenze	<0.355	µg/L	1	5	EPA-625
########	62-75-9	N-Nitrosod	<0.370	µg/L	1	5	EPA-625
########	621-64-7	N-Nitroso-	<0.561	µg/L	1	5	EPA-625
########	86-30-6	N-Nitrosod	<0.406	µg/L	1	10	EPA-625
########	87-86-5	Pentachlor	<0.540	µg/L	1	5	EPA-625
########	PHLAB	pH	9.7	s.u.	1		SM-4500H+B
########	85-01-8	Phenanthr	<0.455	µg/L	1	2	EPA-625
########	108-95-2	Phenol	<0.258	µg/L	1	5	EPA-625
########	129-00-0	Pyrene	<0.526	µg/L	1	2	EPA-625
########	127-18-4	Tetrachlor	<2.65	µg/L	10	10	EPA-624
########	108-88-3	Toluene	<2.03	µg/L	10	50	EPA-624
########	7440-43-9	Total Cadm	<0.0005	mg/L	1	0.002	EPA-200.7
########	7440-47-3	Total Chro	3.14	mg/L	1	0.005	EPA-200.7
########	7440-50-8	Total Copp	0.51	mg/L	1	0.005	EPA-200.7
########	7439-92-1	Total Lead	0.038	mg/L	1	0.006	EPA-200.7
########	7440-02-0	Total Nicke	12	mg/L	1	0.005	EPA-200.7
########	7440-22-4	Total Silve	<0.001	mg/L	1	0.005	EPA-200.7
########	7440-66-6	Total Zinc	0.128	mg/L	1	0.01	EPA-200.7
########	8001-35-2	Toxaphene	<0.100	µg/L	10	0.3	EPA-608
########	10061-02-	trans-13-D	<2.33	µg/L	10	10	EPA-624
########	79-01-6	Trichloroet	<2.73	µg/L	10	10	EPA-624
########	75-69-4	Trichlorofl	<3.08	µg/L	10	10	EPA-624
########	75-01-4	Vinyl Chlor	<3.94	µg/L	10	10	EPA-624
########	53-70-3		<0.325	µg/L	1	2	EPA-625
########	71-55-6	111-Trichlo	<0.163	µg/L	1	1	EPA-624
########	79-34-5	1122-Tetra	<0.482	µg/L	1	1	EPA-624
########	79-00-5	112-Trichlo	<0.216	µg/L	1	1	EPA-624
########	75-34-3	11-Dichlor	<0.168	µg/L	1	1	EPA-624
########	75-35-4	11-Dichlor	<0.138	µg/L	1	1	EPA-624
########	120-82-1	124-Trichlo	<0.494	µg/L	1	5	EPA-625
########	95-50-1	12-Dichlor	<0.731	µg/L	1	5	EPA-625
########	107-06-2	12-Dichlor	<0.100	µg/L	1	1	EPA-624
########	78-87-5	12-Dichlor	<0.329	µg/L	1	1	EPA-624
########	122-66-7	12-Diphen	<0.408	µg/L	1	5	EPA-625
########	156-60-5	12-Trans-d	<0.173	µg/L	1	1	EPA-624
########	541-73-1	13-Dichlor	<0.726	µg/L	1	5	EPA-625
########	106-46-7	14-Dichlor	<0.547	µg/L	1	5	EPA-625
########	88-06-2	246-Trichlo	<0.415	µg/L	1	5	EPA-625
########	120-83-2	24-Dichlor	<0.317	µg/L	1	5	EPA-625
########	105-67-9	24-Dimeth	<0.842	µg/L	1	5	EPA-625
########	51-28-5	24-Dinitrop	<0.229	µg/L	1	5	EPA-625
########	121-14-2	24-Dinitrot	<0.958	µg/L	1	5	EPA-625
########	606-20-2	26-Dinitrot	<0.705	µg/L	1	5	EPA-625
########	110-75-8	2-Chloroet	<0.802	µg/L	1	5	EPA-624
########	91-58-7	2-Chlorona	<0.544	µg/L	1	5	EPA-625
########	95-57-8	2-Chloroph	<0.520	µg/L	1	5	EPA-625
########	88-75-5	2-Nitrophe	<0.504	µg/L	1	5	EPA-625

########	91-94-1	33-Dichlor	<0.664	µg/L		1	5	EPA-625
########	72-54-8	44-DDD	0.0261	µg/L	J	10	0.04	EPA-608
########	72-55-9	44-DDE	<0.0101	µg/L		10	0.04	EPA-608
########	50-29-3	44-DDT	<0.0138	µg/L		10	0.04	EPA-608
########	534-52-1	46-Dinitro-	<0.454	µg/L		1	10	EPA-625
########	101-55-3	4-Bromopl	<0.415	µg/L		1	5	EPA-625
########	59-50-7	4-Chloro-3	<0.343	µg/L		1	5	EPA-625
########	7005-72-3	4-Chloropl	<0.230	µg/L		1	5	EPA-625
########	100-02-7	4-Nitrophe	<0.373	µg/L		1	20	EPA-625
########	83-32-9	Acenaphth	<0.480	µg/L		1	2	EPA-625
########	208-96-8	Acenaphth	<0.418	µg/L		1	2	EPA-625
########	107-02-8	Acrolein	<1.72	µg/L		1	20	EPA-624
########	107-13-1	Acrylonitril	<1.03	µg/L		1	20	EPA-624
########	309-00-2	Aldrin	<0.00983	µg/L		10	0.04	EPA-608
########	319-84-6	alpha-BHC	<0.00700	µg/L		10	0.04	EPA-608
########	959-98-8	Alpha-end	<0.0182	µg/L		10	0.04	EPA-608
########	120-12-7	Anthracen	<0.452	µg/L		1	2	EPA-625
########	12674-11-2	Aroclor 10	<0.0351	µg/L		1	0.2	EPA-608 (PCB)
########	11104-28-2	Aroclor 12	<0.167	µg/L		1	0.2	EPA-608 (PCB)
########	11141-16-5	Aroclor 12	<0.167	µg/L		1	0.2	EPA-608 (PCB)
########	53469-21-9	Aroclor 12	<0.167	µg/L		1	0.2	EPA-608 (PCB)
########	12672-29-6	Aroclor 12	<0.167	µg/L		1	0.2	EPA-608 (PCB)
########	11097-69-1	Aroclor 12	<0.167	µg/L		1	0.2	EPA-608 (PCB)
########	11096-82-5	Aroclor 12	<0.0513	µg/L		1	0.2	EPA-608 (PCB)
########	71-43-2	Benzene	<0.147	µg/L		1	1	EPA-624
########	92-87-5	Benzidine	<1.08	µg/L		1	20	EPA-625
########	56-55-3	Benzo(a)ar	<0.263	µg/L		1	2	EPA-625
########	50-32-8	Benzo(a)py	<0.238	µg/L		1	2	EPA-625
########	205-99-2	Benzo(b)flu	<0.315	µg/L		1	2	EPA-625
########	191-24-2	Benzo(ghi)	<0.501	µg/L		1	2	EPA-625
########	207-08-9	Benzo(k)flu	<0.422	µg/L		1	2	EPA-625
########	319-85-7	beta-BHC	<0.0193	µg/L		10	0.04	EPA-608
########	33213-65-9	Beta-endo	<0.0220	µg/L		10	0.04	EPA-608
########	111-91-1	Bis(2-Chlor	<0.307	µg/L		1	5	EPA-625
########	111-44-4	Bis(2-Chlor	<0.482	µg/L		1	5	EPA-625
########	108-60-1	Bis(2-Chlor	<0.568	µg/L		1	5	EPA-625
########	117-81-7	Bis(2-ethyl	<0.534	µg/L		1	10	EPA-625
########	75-27-4	Bromodich	<0.204	µg/L		1	1	EPA-624
########	75-25-2	Bromoform	<0.465	µg/L		1	1	EPA-624
########	74-83-9	Bromomet	<0.488	µg/L		1	1	EPA-624
########	85-68-7	Butyl benz	<0.378	µg/L		1	5	EPA-625
########	56-23-5	Carbon Tet	<0.211	µg/L		1	1	EPA-624
########	57-74-9	Chlordane	<0.0670	µg/L		10	0.2	EPA-608
########	108-90-7	Chloroben	<0.452	µg/L		1	1	EPA-624
########	124-48-1	Chlorodibr	<0.254	µg/L		1	1	EPA-624
########	75-00-3	Chloroetha	<0.592	µg/L		1	1	EPA-624
########	67-66-3	Chloroform	<0.197	µg/L		1	1	EPA-624

########	74-87-3	Chloromet	<0.539	µg/L		1	1	EPA-624	
########	218-01-9	Chrysene	<0.373	µg/L		1	2	EPA-625	
########	10061-01-!	cis-13-Dich	<0.171	µg/L		1	1	EPA-624	
########	57-12-5	Cyanide Tc	<0.003	mg/L		1	0.005	SM-4500CNE	
########	319-86-8	delta-BHC	<0.0143	µg/L		10	0.04	EPA-608	
########	75-71-8	Dichlorodil	<0.712	µg/L		1	1	EPA-624	
########	60-57-1	Dieldrin	<0.00942	µg/L		10	0.04	EPA-608	
########	84-66-2	Diethyl pht	<0.234	µg/L		1	5	EPA-625	
########	131-11-3	Dimethyl p	<0.384	µg/L		1	5	EPA-625	
########	84-74-2	Di-n-butyl	<0.401	µg/L		1	5	EPA-625	
########	117-84-0	Di-n-Octyl	<0.353	µg/L		1	5	EPA-625	
########	1746-01-6	Dioxin (237	<0.200	µg/L		1	1	EPA-625 (Z DIOXIN SCI	
########	1031-07-8	Endosulfar	<0.0240	µg/L		10	0.04	EPA-608	
########	72-20-8	Endrin	<0.00327	µg/L		10	0.04	EPA-608	
########	7421-93-4	Endrin Alde	0.015	µg/L	QJ	10	0.04	EPA-608	
########	100-41-4	Ethylbenze	<0.276	µg/L		1	1	EPA-624	
########	206-44-0	Fluoranthe	<0.439	µg/L		1	2	EPA-625	
########	86-73-7	Fluorene	<0.292	µg/L		1	2	EPA-625	
########	58-89-9	gamma-BH	<0.00305	µg/L		10	0.04	EPA-608	
########	76-44-8	Heptachlor	<0.00275	µg/L		10	0.04	EPA-608	
########	1024-57-3	Heptachlor	<0.00282	µg/L		10	0.04	EPA-608	
########	118-74-1	Hexachlorc	<0.310	µg/L		1	5	EPA-625	
########	87-68-3	Hexachlorc	<0.653	µg/L		1	5	EPA-625	
########	77-47-4	Hexachlorc	<0.232	µg/L		1	5	EPA-625	
########	67-72-1	Hexachlorc	<0.582	µg/L		1	5	EPA-625	
########	193-39-5	Indeno(123	<0.518	µg/L		1	2	EPA-625	
########	78-59-1	Isophorone	<0.189	µg/L		1	5	EPA-625	
########	75-09-2	Methylene	<3.75	µg/L		1	10	EPA-624	
########	91-20-3	Naphthale	<0.304	µg/L		1	2	EPA-625	
########	98-95-3	Nitrobenze	<0.355	µg/L		1	5	EPA-625	
########	62-75-9	N-Nitrosod	<0.370	µg/L		1	5	EPA-625	
########	621-64-7	N-Nitroso-	<0.561	µg/L		1	5	EPA-625	
########	86-30-6	N-Nitrosod	<0.406	µg/L		1	10	EPA-625	
########	87-86-5	Pentachlor	<0.540	µg/L		1	5	EPA-625	
########	PHLAB	pH	8.4	s.u.		1		SM-4500H+B	
########	85-01-8	Phenanthr	<0.455	µg/L		1	2	EPA-625	
########	108-95-2	Phenol	<0.258	µg/L		1	5	EPA-625	
########	129-00-0	Pyrene	<0.526	µg/L		1	2	EPA-625	
########	127-18-4	Tetrachlor	<0.265	µg/L		1	1	EPA-624	
########	108-88-3	Toluene	<0.203	µg/L		1	5	EPA-624	
########	7440-43-9	Total Cadr	<0.0005	mg/L		1	0.002	EPA-200.7	
########	7440-47-3	Total Chro	0.027	mg/L		1	0.005	EPA-200.7	
########	7440-50-8	Total Copp	0.037	mg/L		1	0.005	EPA-200.7	
########	7439-92-1	Total Lead	<0.003	mg/L		1	0.006	EPA-200.7	
########	7440-02-0	Total Nicke	0.921	mg/L		1	0.005	EPA-200.7	
########	7440-22-4	Total Silver	<0.001	mg/L		1	0.005	EPA-200.7	
########	7440-66-6	Total Zinc	0.011	mg/L		1	0.01	EPA-200.7	

########	8001-35-2	Toxaphene	<0.100	µg/L	10	0.3	EPA-608
########	10061-02-(	trans-13-D	<0.233	µg/L	1	1	EPA-624
########	79-01-6	Trichloroet	<0.273	µg/L	1	1	EPA-624
########	75-69-4	Trichloroflu	<0.308	µg/L	1	1	EPA-624
########	75-01-4	Vinyl Chlor	<0.394	µg/L	1	1	EPA-624

REEN)

REEN)

REEN)

REEN)

Waypoint ANALYTICAL

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

12/6/2016

Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth, GA, 30096

Ref: Analytical Testing
Lab Report Number: 16-340-0326
Client Project Description: Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061
Project Number: 103X902701058

Dear Mr. Todd Taylor:
Waypoint Analytical, Inc. received sample(s) on 11/4/2016 for the analyses presented in the following report.

The above referenced project has been analyzed per your instructions. The analyses were performed in accordance with the applicable analytical method.

The analytical data has been validated using standard quality control measures performed as required by the analytical method. Quality Assurance, method validations, instrumentation maintenance and calibration for all parameters (NELAP and non-NELAP) were performed in accordance with guidelines established by the USEPA (including 40 CFR 136 Method Update Rule May 2012) and NELAC unless otherwise indicated. Any parameter for which the laboratory is not officially NELAP accredited is indicated by a '~' symbol. These are not included in the scope because NELAP accreditation is either not available or has not been applied for. Additional certifications may be held/are available for parameters, where NELAP accreditation is not required or applicable. A full list of certifications is available upon request.

Certain parameters (chlorine, pH, dissolved oxygen, sulfite...) are required to be analyzed within 15 minutes of sampling. Usually, but not always, any field parameter analyzed at the laboratory is outside of this holding time. Refer to sample analysis time for confirmation of holding time compliance.

The results are shown on the attached Report of Analysis(s). Results for solid matrices are reported on an as-received basis unless otherwise indicated. This report shall not be reproduced except in full and relates only to the samples included in this report.

Please do not hesitate to contact me or client services if you have any questions or need additional information.

Sincerely,

Nathan Pera
Project Manager

Laboratory's liability in any claim relating to analyses performed shall be limited to, at laboratory's option, repeating the analysis in question at laboratory's expense, or the refund of the charges paid for performance of said analysis.

Alabama	#40750	Louisiana	#04015	VA NELAP	#460181	Texas	#T104704180-11-6	Arkansas	#88-0650
Mississippi		California	#2904	NC	#415	Oklahoma	#9311	Virginia	#00106
Kentucky	#90047	Tennessee	#TN02027	EPA	#TN00012	Kentucky UST	#41		

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Sample Summary Table

Report Number: **16-340-0326**

Client Project Description: **Chromcraft**
1 Quality Dr., Senatobia, MS
Project #103902701061

Lab No	Client Sample ID	Matrix	Date Collected	Date Received	Method	Lab ID
93320	WT-A	Aqueous	11/03/2016 15:00	11/04/2016	2540D-2011	WTN
93321	WT-B	Aqueous	11/03/2016 15:15	11/04/2016	2540D-2011	WTN
93322	WT-Overflow	Aqueous	11/03/2016 15:30	11/04/2016	2540D-2011	WTN
93323	WT-ST	Aqueous	11/03/2016 15:45	11/04/2016	2540D-2011	WTN

WTN: Waypoint Analytical, Inc.

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 12/06/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-340-0326**

REPORT OF ANALYSIS

Lab No : **93320**
Sample ID : **WT-A**

Matrix: **Aqueous**
Sampled: **11/3/2016 15:00**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Total Suspended Solids	**5 H**	mg/L	2	1	12/05/16 15:20	KGL	2540D-2011

Qualifiers/ Definitions				
	DF	Dilution Factor	H	Beyond holding time
	MQL	Method Quantitation Limit		

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 12/06/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-340-0326**

REPORT OF ANALYSIS

Lab No : **93321**
Sample ID : **WT-B**

Matrix: **Aqueous**
Sampled: **11/3/2016 15:15**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Total Suspended Solids	**6 H**	mg/L	2	1	12/05/16 15:20	KGL	2540D-2011

Qualifiers/ Definitions				
	DF	Dilution Factor	H	Beyond holding time
	MQL	Method Quantitation Limit		

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 12/06/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-340-0326**

REPORT OF ANALYSIS

Lab No : **93322**
Sample ID : **WT-Overflow**

Matrix: **Aqueous**
Sampled: **11/3/2016 15:30**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Total Suspended Solids	**130 H**	mg/L	10	1	12/05/16 15:20	KGL	2540D-2011

Qualifiers/ Definitions				
	DF	Dilution Factor	H	Beyond holding time
	MQL	Method Quantitation Limit		

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 12/06/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-340-0326**

REPORT OF ANALYSIS

Lab No : **93323**
Sample ID : **WT-ST**

Matrix: **Aqueous**
Sampled: **11/3/2016 15:45**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Total Suspended Solids	**3 H**	mg/L	2	1	12/05/16 15:20	KGL	2540D-2011

Qualifiers/ Definitions				
	DF	Dilution Factor	H	Beyond holding time
	MQL	Method Quantitation Limit		

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

QC Report

Client ID	**Tetra Tech EM, Inc.**
Project Description	Chromcraft
Report No	16-340-0326

Analytical Method: 2540D-2011 **Batch: L313252**

Lab Reagent Blank - LRB **QC Measurement: Limit**
DateTime Analyzed: 12/05/2016 03:20 PM

Test Description	LRB Result		MQL	Dilution
Total Suspended Solids	< 2 mg/L		2	1

Duplicate - L 93321-DUP **QC Measurement: RPD**
DateTime Analyzed: 12/05/2016 03:20 PM

Test Description	QC Result	Criteria	DUP Result	Sample Conc.	MQL	Dilution
Total Suspended Solids	0.0 %	<10	6 mg/L	6	2	1

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Cooler Receipt Form

Customer Number: **06379**
Customer Name: **Tetra Tech EM, Inc.**
Report Number: **16-340-0326**

Shipping Method

○ Fed Ex ○ US Postal ● Lab ○ Other :
○ UPS ○ Client ○ Courier Thermometer ID: #10

Shipping container/cooler uncompromised?	● Yes	○ No	
Number of coolers received	1		
Custody seals intact on shipping container/cooler?	○ Yes	○ No	● Not Required
Custody seals intact on sample bottles?	○ Yes	○ No	● Not Required
Chain of Custody (COC) present?	● Yes	○ No	
COC agrees with sample label(s)?	● Yes	○ No	
COC properly completed	● Yes	○ No	
Samples in proper containers?	● Yes	○ No	
Sample containers intact?	● Yes	○ No	
Sufficient sample volume for indicated test(s)?	● Yes	○ No	
All samples received within holding time?	○ Yes	● No	
Cooler temperature in compliance?	● Yes	○ No	
Cooler/Samples arrived at the laboratory on ice. Samples were considered acceptable as cooling process had begun.	● Yes	○ No	
Water - Sample containers properly preserved	● Yes	○ No	○ N/A
Water - VOA vials free of headspace	○ Yes	○ No	● N/A
Trip Blanks received with VOAs	○ Yes	○ No	● N/A
Soil VOA method 5035 – compliance criteria met	○ Yes	○ No	● N/A

☐ High concentration container (48 hr) ☐ Low concentration EnCore samplers (48 hr)
☐ High concentration pre-weighed (methanol -14 d) ☐ Low conc pre-weighed vials (Sod Bis -14 d)

Special precautions or instructions included?	○ Yes	● No

Comments: Approval given by Jessica Vickers to analyze the samples outside of the TSS 7 day holding time.

Any regulatory non-compliance issues will be recorded on non-compliance report.

Signature: Brieanna Jackson Date & Time: 12/05/2016 13:58:11

Client Name/Address	Client Project Manager/Contact	Billing Information	For Laboratory Use Only
Tetra Tech 195 S Evergreen Blvd Duluth, GA	Todd Taylor	Same	CN 6379

Project Description	Project/Site Location (City/State)		Method of Shipment	Matrix Key
Chromcraft Site	1 Quality Dr Senatobia, MS 38668	☐ RUSH – Additional charges apply ☐ Special Detection Limit(s) Date Results Needed	☐ Fed Ex ☐ UPS ☐ USPS ☐ Courier ☑ Client Drop Off Other	WW – Wastewater GW – Groundwater DW – Drinking Water S – Soil /Solid O – Oil

Project Number	Project Manager Phone #	Project Manager Email	Purchase Ord
103X9027010 61	615-992-5556	todd.taylor@tetratech.com	

Tetra Tech EM, Inc.
Chromcraft
16-340-0326
06379
12-05-2016
13:44:01

Waypoint ANALYTICAL
2790 Whitten Road
Memphis, TN 38133
(901) 213-2400

Unless noted, all containers per Table II of 40 CFR Part 136.

Date	Time	Sample Identification	Number of Containers	Matrix (Refer to Key)	(G)rab or (C)omposite	TCLP 8RCRA Metals	Ph	TTO - VOC, SVOC, Pest	TTO - PCB Dioxin Sec	CN, Cr, Cu, Pb, Zn	Air TTO	TSS			Comments/Notes
11/3/16	12:30	V2-Solid ~~H03/16/12~~ TAT	1	S	C	X									
11/3/16	12:15	V13-Solid	1	S	C	X									
11/3/16	2:10	Wash Room	1	S	C	X									
11/3/16	12:45	V2-Liquid	1	M	G		X	X							Ph only
11/3/16	13:00	V13 Liquid	1	M	G		X	X							Ph only
11/3/16	15:00	WT-A	10	WW	G		X	X	X	X	X	Y			93320
11/3/16	15:15	WT-B	10	WW	G		X	X	X	X	X	Y			93321
11/3/16	15:30	WT-overflow	10	WW	G		X	X	X	X	X	Y			93322
11/3/16	15:45	WT-ST	10	WW	G		X	X	X	X	X	Y			93323

Required Analysis / Preservative

E NaOH pH>10
F HNO3 pH<2
G HCL pH<2
H H3PO4 pH<2
I Cool <= 6C NA2S2O3

For Laboratory Use Only

Ice	Custody Seals	Lab Comments
(Y) N	Y / (N)	

Blank/Cooler Temp: 4.2°C T10 B5

Sampled by (Name – Print): Todd Taylor

Relinquished by: (SIGNATURE): Todd T

Relinquished by: (SIGNATURE)

Relinquished by: (SIGNATURE)

Client Remarks/Comments: ADD TSS TO SAMPLES. OKAY TO RUN OUT OF HOLDING TIME PER J. VICKERS 12/5/16.

Date	Time	Received by: (SIGNATURE)	Date	Time
11/3/16	19:10	Cherry Tully	11/3/15	19:10
			12/5/16	

Safeguard LITHO USA Form No. 811-2/E15CS000385 07/15

Report Nu	Sample Id	Project Na	Brand Nick	Lab Name	Lab Numb	Matrix Typ	Sampled D	Received D	Prep date/
16-340-03	WT-A	Chromcraf	WTN	Waypoint	93320	Aqueous	########	########	
16-340-03	WT-B	Chromcraf	WTN	Waypoint	93321	Aqueous	########	########	
16-340-03	WT-Overfl	Chromcraf	WTN	Waypoint	93322	Aqueous	########	########	
16-340-03	WT-ST	Chromcraf	WTN	Waypoint	93323	Aqueous	########	########	

DateTime	CAS Numb	Analyte De	Result	Unit of Me	Qualifier	Dilution Fa	Quantitatio	Method
########		Total Suspe	5	mg/L	H	1	2	SM-2540D
########		Total Suspe	6	mg/L	H	1	2	SM-2540D
########		Total Suspe	130	mg/L	H	1	10	SM-2540D
########		Total Suspe	3	mg/L	H	1	2	SM-2540D

Waypoint ANALYTICAL

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

1/13/2017

Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth, GA, 30096

Ref: Analytical Testing
Lab Report Number: 16-356-0209
Client Project Description: Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061
Project Number: 103X902701058

Dear Mr. Todd Taylor:
Waypoint Analytical, Inc. received sample(s) on 12/21/2016 for the analyses presented in the following report.

The above referenced project has been analyzed per your instructions. The analyses were performed in accordance with the applicable analytical method.

The analytical data has been validated using standard quality control measures performed as required by the analytical method. Quality Assurance, method validations, instrumentation maintenance and calibration for all parameters (NELAP and non-NELAP) were performed in accordance with guidelines established by the USEPA (including 40 CFR 136 Method Update Rule May 2012) and NELAC unless otherwise indicated. Any parameter for which the laboratory is not officially NELAP accredited is indicated by a '~' symbol. These are not included in the scope because NELAP accreditation is either not available or has not been applied for. Additional certifications may be held/are available for parameters, where NELAP accreditation is not required or applicable. A full list of certifications is available upon request.

Certain parameters (chlorine, pH, dissolved oxygen, sulfite...) are required to be analyzed within 15 minutes of sampling. Usually, but not always, any field parameter analyzed at the laboratory is outside of this holding time. Refer to sample analysis time for confirmation of holding time compliance.

The results are shown on the attached Report of Analysis(s). Results for solid matrices are reported on an as-received basis unless otherwise indicated. This report shall not be reproduced except in full and relates only to the samples included in this report.

Please do not hesitate to contact me or client services if you have any questions or need additional information.

Sincerely,

Randell H. Thomas

Randy Thomas
Project Manager

Laboratory's liability in any claim relating to analyses performed shall be limited to, at laboratory's option, repeating the analysis in question at laboratory's expense, or the refund of the charges paid for performance of said analysis.

Alabama	#40750	Louisiana	#04015	VA NELAP	#460181	Texas	#T104704180-11-6	Arkansas	#88-0650
Mississippi		California	#2904	NC	#415	Oklahoma	#9311	Virginia	#00106
Kentucky	#90047	Tennessee	#TN02027	EPA	#TN00012	Kentucky UST	#41		

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Non-Compliance Login Summary Report

Incident Date: 12-21-2016 10:12 am
Report number: 16-356-0209 Lab Number(s): L95400, L95402, L95404, L95406, L95408
Customer number: 06379
Customer Name: Tetra Tech EM, Inc.
Contact Name: Tetra Tech EM, Inc.
Project ID: Tetra Tech - Chromcraft

This Non-Compliance Report has been generated because proper EPA protocol was not followed for the above referenced sample(s). This means that the data generated from the analysis of this project may not be suitable for Regulatory compliance.

This report should be included with any data submitted to a Regulatory Agency. The actual problems encountered are listed below.

Description of Login Non-Compliance

☑ **Sample Temperature Non-compliant**
Cooler Temperature: 8.1, 8.8 degrees Celsius
Required Temperature: < 6 degrees Celsius

☐ **Sample Received in Improper Container**
Analysis:
Received Container:
Required Container:

☐ **Sample Improperly Preserved**
Analysis:
Received Preservative:
Required Preservative:

☐ **Sample Received Outside Holding Time** Date Received: 12-21-2016 00:00
Analysis:
Sampled Date and Time:
Required Holding Time:

Other:

Corrective Action

Client Notified: ● Yes ○ No Date Client Notified: 12/21/16 Contact Name: Todd Taylor
Client Directive:

Approval to analyze per Todd Taylor

Initiated By: Danyale Love Project manager: Randall Thomas QAO: Richard Medina

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Sample Summary Table

Report Number: **16-356-0209**

Client Project Description: **Chromcraft**
1 Quality Dr., Senatobia, MS
Project #103902701061

Lab No	Client Sample ID	Matrix	Date Collected	Date Received	Method	Lab ID
95399	V311220161338	Solid	12/20/2016 13:38	12/21/2016	6010C	WTN
95399	V311220161338	Solid	12/20/2016 13:38	12/21/2016	7470A	WTN
95399	V311220161338	Solid	12/20/2016 13:38	12/21/2016	SW-1311	WTN
95400	V311220161338	Aqueous	12/20/2016 13:38	12/21/2016	2310B-2011	WTN
95400	V311220161338	Aqueous	12/20/2016 13:38	12/21/2016	2320B-2011	WTN
95400	V311220161338	Aqueous	12/20/2016 13:38	12/21/2016	2540B-2011	WTN
95400	V311220161338	Aqueous	12/20/2016 13:38	12/21/2016	2540D-2011	WTN
95400	V311220161338	Aqueous	12/20/2016 13:38	12/21/2016	2540F-2011	WTN
95400	V311220161338	Aqueous	12/20/2016 13:38	12/21/2016	4500CNE-2011	WTN
95400	V311220161338	Aqueous	12/20/2016 13:38	12/21/2016	4500CNG-2011	WTN
95400	V311220161338	Aqueous	12/20/2016 13:38	12/21/2016	4500H+B-2011	WTN
95400	V311220161338	Aqueous	12/20/2016 13:38	12/21/2016	4500S2G-2011	WTN
95400	V311220161338	Aqueous	12/20/2016 13:38	12/21/2016	EPA-200.7	WTN
95400	V311220161338	Aqueous	12/20/2016 13:38	12/21/2016	EPA-200.7	WTN
95400	V311220161338	Aqueous	12/20/2016 13:38	12/21/2016	EPA-245.1	WTN
95400	V311220161338	Aqueous	12/20/2016 13:38	12/21/2016	EPA-300.0	WTN
95400	V311220161338	Aqueous	12/20/2016 13:38	12/21/2016	SW-7.3.4	WTN
95401	V131220161400	Solid	12/20/2016 14:00	12/21/2016	6010C	WTN
95401	V131220161400	Solid	12/20/2016 14:00	12/21/2016	7470A	WTN
95401	V131220161400	Solid	12/20/2016 14:00	12/21/2016	SW-1311	WTN
95402	V131220161400	Aqueous	12/20/2016 14:00	12/21/2016	2310B-2011	WTN
95402	V131220161400	Aqueous	12/20/2016 14:00	12/21/2016	2320B-2011	WTN
95402	V131220161400	Aqueous	12/20/2016 14:00	12/21/2016	2540B-2011	WTN
95402	V131220161400	Aqueous	12/20/2016 14:00	12/21/2016	2540D-2011	WTN
95402	V131220161400	Aqueous	12/20/2016 14:00	12/21/2016	2540F-2011	WTN
95402	V131220161400	Aqueous	12/20/2016 14:00	12/21/2016	4500CNE-2011	WTN

WTN: Waypoint Analytical, Inc.

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Sample Summary Table

Report Number: **16-356-0209**

Client Project Description: **Chromcraft**
1 Quality Dr., Senatobia, MS
Project #103902701061

Lab No	Client Sample ID	Matrix	Date Collected	Date Received	Method	Lab ID
95402	V131220161400	Aqueous	12/20/2016 14:00	12/21/2016	4500CNG-2011	WTN
95402	V131220161400	Aqueous	12/20/2016 14:00	12/21/2016	4500H+B-2011	WTN
95402	V131220161400	Aqueous	12/20/2016 14:00	12/21/2016	4500S2G-2011	WTN
95402	V131220161400	Aqueous	12/20/2016 14:00	12/21/2016	EPA-200.7	WTN
95402	V131220161400	Aqueous	12/20/2016 14:00	12/21/2016	EPA-200.7	WTN
95402	V131220161400	Aqueous	12/20/2016 14:00	12/21/2016	EPA-245.1	WTN
95402	V131220161400	Aqueous	12/20/2016 14:00	12/21/2016	EPA-300.0	WTN
95402	V131220161400	Aqueous	12/20/2016 14:00	12/21/2016	SW-7.3.4	WTN
95403	V161220161500	Solid	12/20/2016 15:00	12/21/2016	6010C	WTN
95403	V161220161500	Solid	12/20/2016 15:00	12/21/2016	7470A	WTN
95403	V161220161500	Solid	12/20/2016 15:00	12/21/2016	SW-1311	WTN
95404	V161220161500	Aqueous	12/20/2016 15:00	12/21/2016	2310B-2011	WTN
95404	V161220161500	Aqueous	12/20/2016 15:00	12/21/2016	2320B-2011	WTN
95404	V161220161500	Aqueous	12/20/2016 15:00	12/21/2016	2540B-2011	WTN
95404	V161220161500	Aqueous	12/20/2016 15:00	12/21/2016	2540D-2011	WTN
95404	V161220161500	Aqueous	12/20/2016 15:00	12/21/2016	2540F-2011	WTN
95404	V161220161500	Aqueous	12/20/2016 15:00	12/21/2016	4500CNE-2011	WTN
95404	V161220161500	Aqueous	12/20/2016 15:00	12/21/2016	4500CNG-2011	WTN
95404	V161220161500	Aqueous	12/20/2016 15:00	12/21/2016	4500H+B-2011	WTN
95404	V161220161500	Aqueous	12/20/2016 15:00	12/21/2016	4500S2G-2011	WTN
95404	V161220161500	Aqueous	12/20/2016 15:00	12/21/2016	EPA-200.7	WTN
95404	V161220161500	Aqueous	12/20/2016 15:00	12/21/2016	EPA-200.7	WTN
95404	V161220161500	Aqueous	12/20/2016 15:00	12/21/2016	EPA-245.1	WTN
95404	V161220161500	Aqueous	12/20/2016 15:00	12/21/2016	EPA-300.0	WTN
95404	V161220161500	Aqueous	12/20/2016 15:00	12/21/2016	SW-7.3.4	WTN
95405	V171220161515	Solid	12/20/2016 15:15	12/21/2016	6010C	WTN

WTN: Waypoint Analytical, Inc.

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Sample Summary Table

Report Number: **16-356-0209**

Client Project Description: **Chromcraft**
1 Quality Dr., Senatobia, MS
Project #103902701061

Lab No	Client Sample ID	Matrix	Date Collected	Date Received	Method	Lab ID
95405	V171220161515	Solid	12/20/2016 15:15	12/21/2016	7470A	WTN
95405	V171220161515	Solid	12/20/2016 15:15	12/21/2016	SW-1311	WTN
95406	V171220161515	Aqueous	12/20/2016 15:15	12/21/2016	2310B-2011	WTN
95406	V171220161515	Aqueous	12/20/2016 15:15	12/21/2016	2320B-2011	WTN
95406	V171220161515	Aqueous	12/20/2016 15:15	12/21/2016	2540B-2011	WTN
95406	V171220161515	Aqueous	12/20/2016 15:15	12/21/2016	2540D-2011	WTN
95406	V171220161515	Aqueous	12/20/2016 15:15	12/21/2016	2540F-2011	WTN
95406	V171220161515	Aqueous	12/20/2016 15:15	12/21/2016	4500CNE-2011	WTN
95406	V171220161515	Aqueous	12/20/2016 15:15	12/21/2016	4500CNG-2011	WTN
95406	V171220161515	Aqueous	12/20/2016 15:15	12/21/2016	4500H+B-2011	WTN
95406	V171220161515	Aqueous	12/20/2016 15:15	12/21/2016	4500S2G-2011	WTN
95406	V171220161515	Aqueous	12/20/2016 15:15	12/21/2016	EPA-200.7	WTN
95406	V171220161515	Aqueous	12/20/2016 15:15	12/21/2016	EPA-200.7	WTN
95406	V171220161515	Aqueous	12/20/2016 15:15	12/21/2016	EPA-245.1	WTN
95406	V171220161515	Aqueous	12/20/2016 15:15	12/21/2016	EPA-300.0	WTN
95406	V171220161515	Aqueous	12/20/2016 15:15	12/21/2016	SW-7.3.4	WTN
95407	V221220161535	Solid	12/20/2016 15:35	12/21/2016	6010C	WTN
95407	V221220161535	Solid	12/20/2016 15:35	12/21/2016	7470A	WTN
95407	V221220161535	Solid	12/20/2016 15:35	12/21/2016	SW-1311	WTN
95408	V221220161535	Aqueous	12/20/2016 15:35	12/21/2016	2310B-2011	WTN
95408	V221220161535	Aqueous	12/20/2016 15:35	12/21/2016	2320B-2011	WTN
95408	V221220161535	Aqueous	12/20/2016 15:35	12/21/2016	2540B-2011	WTN
95408	V221220161535	Aqueous	12/20/2016 15:35	12/21/2016	2540D-2011	WTN
95408	V221220161535	Aqueous	12/20/2016 15:35	12/21/2016	2540F-2011	WTN
95408	V221220161535	Aqueous	12/20/2016 15:35	12/21/2016	4500CNE-2011	WTN
95408	V221220161535	Aqueous	12/20/2016 15:35	12/21/2016	4500CNG-2011	WTN

WTN: Waypoint Analytical, Inc.

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Sample Summary Table

Report Number: **16-356-0209**

Client Project Description: **Chromcraft**
1 Quality Dr., Senatobia, MS
Project #103902701061

Lab No	Client Sample ID	Matrix	Date Collected	Date Received	Method	Lab ID
95408	V221220161535	Aqueous	12/20/2016 15:35	12/21/2016	4500H+B-2011	WTN
95408	V221220161535	Aqueous	12/20/2016 15:35	12/21/2016	4500S2G-2011	WTN
95408	V221220161535	Aqueous	12/20/2016 15:35	12/21/2016	EPA-200.7	WTN
95408	V221220161535	Aqueous	12/20/2016 15:35	12/21/2016	EPA-200.7	WTN
95408	V221220161535	Aqueous	12/20/2016 15:35	12/21/2016	EPA-245.1	WTN
95408	V221220161535	Aqueous	12/20/2016 15:35	12/21/2016	EPA-300.0	WTN
95408	V221220161535	Aqueous	12/20/2016 15:35	12/21/2016	SW-7.3.4	WTN

WTN: Waypoint Analytical, Inc.

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 01/13/2017
Received : 12/21/2016

Randell H. Thomas
Randy Thomas
Project Manager

Report Number : **16-356-0209**

REPORT OF ANALYSIS

Lab No : **95399**
Sample ID : **V311220161338**

Matrix: **Solid**
Sampled: **12/20/2016 13:38**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
TCLP Metals Extraction	**Filtrate**			1	01/03/17 14:07	SAJ	SW-1311

Analytical Method: 6010C **Prep Batch(es):** **L316754** 01/04/17 08:25
Prep Method: 3005A

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Arsenic	**15.3**	mg/L	12.5	100	01/13/17 12:41	CCR	L317919
TCLP Barium	<12.5	mg/L	12.5	100	01/12/17 23:05	JTR	L317836
TCLP Cadmium	<2.50	mg/L	2.50	100	01/12/17 23:05	JTR	L317836
TCLP Chromium	**149000**	mg/L	50.0	1000	01/13/17 12:51	CCR	L317919
TCLP Lead	**42.7**	mg/L	5.00	100	01/13/17 12:41	CCR	L317919
TCLP Selenium	<25.0	mg/L	25.0	100	01/12/17 23:05	JTR	L317836
TCLP Silver	<2.50	mg/L	2.50	100	01/12/17 23:05	JTR	L317836

Analytical Method: 7470A **Prep Batch(es):** **L316757** 01/04/17 08:45
Prep Method: 7470A

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Mercury	**0.296**	mg/L	0.200	10	01/04/17 12:02	KKM	L316838

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 01/13/2017
Received : 12/21/2016

Randell H. Thomas
Randy Thomas
Project Manager

Report Number : **16-356-0209**

REPORT OF ANALYSIS

Lab No : **95400**
Sample ID : **V311220161338**

Matrix: **Aqueous**
Sampled: **12/20/2016 13:38**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Acidity (as CaCO3)	**325000**	mg/L	100	1	12/30/16 10:44	DB2	2310B-2011
Alkalinity (as CaCO3)	<100	mg/L	100	1	01/03/17 10:29	DB2	2320B-2011
Cyanide, Amenable	**12.4**	mg/L	10.0	1000	01/02/17 12:07	EWB	4500CNG-2011
Cyanide, Total	**15.5**	mg/L	10.0	1000	12/31/16 12:30	EWB	4500CNE-2011
pH	**0.6**	s.u.		1	12/21/16 14:25	WRO	4500H+B-2011
Total Settleable Solids	<0.1	mL/L	0.1	1	12/21/16 11:26	EWB	2540F-2011
Total Solids	**336000**	mg/L	47	1	12/23/16 13:25	GHD	2540B-2011
Total Suspended Solids	**24**	mg/L	2	1	12/21/16 13:10	KGL	2540D-2011
Sulfide	<25.0	mg/L	25.0	25	12/23/16 11:04	GHD	4500S2G-2011
Total Arsenic	**16.2**	mg/L	5.00	100	01/13/17 13:38	CCR	EPA-200.7
Total Barium	**7.95**	mg/L	5.00	100	01/12/17 22:05	JTR	EPA-200.7
Total Cadmium	<1.00	mg/L	1.00	100	01/12/17 22:05	JTR	EPA-200.7
Total Chromium	**152000**	mg/L	25.0	1000	01/13/17 13:47	CCR	EPA-200.7
Total Copper	**1400**	mg/L	2.50	100	01/12/17 22:05	JTR	EPA-200.7
Total Lead	**42.3**	mg/L	3.00	100	01/13/17 13:38	CCR	EPA-200.7
Mercury (Total)	**0.605**	mg/L	0.100	500	12/23/16 15:50	KKM	EPA-245.1
Total Selenium	<5.00	mg/L	5.00	100	01/12/17 22:05	JTR	EPA-200.7
Total Silver	<2.50	mg/L	2.50	100	01/12/17 22:05	JTR	EPA-200.7
Total Sodium	**2020**	mg/L	250	100	01/12/17 22:05	JTR	EPA-200.7
Total Zinc	<5.00	mg/L	5.00	100	01/12/17 22:05	JTR	EPA-200.7
Sulfate	**3780**	mg/L	100	100	12/28/16 10:46	BKN	EPA-300.0
Sulfide (Reactivity)	<25.0	mg/L	25.0	1	12/23/16 11:04	GHD	SW-7.3.4

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 01/13/2017
Received : 12/21/2016

Randell H. Thomas
Randy Thomas
Project Manager

Report Number : **16-356-0209**

REPORT OF ANALYSIS

Lab No : **95401**
Sample ID : **V131220161400**

Matrix: **Solid**
Sampled: **12/20/2016 14:00**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
TCLP Metals Extraction	**Filtrate**			1	01/03/17 14:07	SAJ	SW-1311

Analytical Method: 6010C **Prep Batch(es):** **L316754** 01/04/17 08:25
Prep Method: 3005A

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Arsenic	<12.5	mg/L	12.5	100	01/12/17 23:10	JTR	L317836
TCLP Barium	<12.5	mg/L	12.5	100	01/12/17 23:10	JTR	L317836
TCLP Cadmium	<2.50	mg/L	2.50	100	01/12/17 23:10	JTR	L317836
TCLP Chromium	**113**	mg/L	5.00	100	01/13/17 12:32	CCR	L317919
TCLP Lead	<5.00	mg/L	5.00	100	01/13/17 12:32	CCR	L317919
TCLP Selenium	<25.0	mg/L	25.0	100	01/12/17 23:10	JTR	L317836
TCLP Silver	<2.50	mg/L	2.50	100	01/12/17 23:10	JTR	L317836

Analytical Method: 7470A **Prep Batch(es):** **L316757** 01/04/17 08:45
Prep Method: 7470A

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Mercury	<0.0200	mg/L	0.0200	1	01/04/17 12:04	KKM	L316838

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 01/13/2017
Received : 12/21/2016

Randy Thomas
Project Manager

Report Number : **16-356-0209**

REPORT OF ANALYSIS

Lab No : **95402**
Sample ID : **V131220161400**

Matrix: **Aqueous**
Sampled: **12/20/2016 14:00**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Acidity (as CaCO3)	**140000**	mg/L	100	1	12/30/16 10:44	DB2	2310B-2011
Alkalinity (as CaCO3)	<100	mg/L	100	1	01/03/17 10:29	DB2	2320B-2011
Cyanide, Amenable	<10.0	mg/L	10.0	1000	01/02/17 12:07	EWB	4500CNG-2011
Cyanide, Total	<10.0	mg/L	10.0	1000	12/31/16 12:30	EWB	4500CNE-2011
pH	**0.6**	s.u.		1	12/21/16 14:25	WRO	4500H+B-2011
Total Settleable Solids	**38.7**	mL/L	0.1	1	12/21/16 11:26	EWB	2540F-2011
Total Solids	**309000**	mg/L	38	1	12/23/16 13:25	GHD	2540B-2011
Total Suspended Solids	**41**	mg/L	2	1	12/21/16 13:10	KGL	2540D-2011
Sulfide	<25.0	mg/L	25.0	25	12/23/16 11:04	GHD	4500S2G-2011
Total Arsenic	<5.00	mg/L	5.00	100	01/12/17 22:10	JTR	EPA-200.7
Total Barium	<5.00	mg/L	5.00	100	01/12/17 22:10	JTR	EPA-200.7
Total Cadmium	<1.00	mg/L	1.00	100	01/12/17 22:10	JTR	EPA-200.7
Total Chromium	**85.3**	mg/L	2.50	100	01/13/17 13:28	CCR	EPA-200.7
Total Copper	**43.7**	mg/L	2.50	100	01/12/17 22:10	JTR	EPA-200.7
Total Lead	<3.00	mg/L	3.00	100	01/13/17 13:28	CCR	EPA-200.7
Mercury (Total)	<0.00020	mg/L	0.00020	1	12/23/16 15:38	KKM	EPA-245.1
Total Selenium	<5.00	mg/L	5.00	100	01/12/17 22:10	JTR	EPA-200.7
Total Silver	<2.50	mg/L	2.50	100	01/12/17 22:10	JTR	EPA-200.7
Total Sodium	**52700**	mg/L	250	100	01/12/17 22:10	JTR	EPA-200.7
Total Zinc	<5.00	mg/L	5.00	100	01/12/17 22:10	JTR	EPA-200.7
Sulfate	**293000**	mg/L	10000	10000	12/29/16 14:11	BKN	EPA-300.0
Sulfide (Reactivity)	<25.0	mg/L	25.0	1	12/23/16 11:04	GHD	SW-7.3.4

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 01/13/2017
Received : 12/21/2016

Randy Thomas
Project Manager

Report Number : **16-356-0209**

REPORT OF ANALYSIS

Lab No : **95403**
Sample ID : **V161220161500**

Matrix: **Solid**
Sampled: **12/20/2016 15:00**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
TCLP Metals Extraction	**Filtrate**			1	01/03/17 14:07	SAJ	SW-1311

Analytical Method: 6010C **Prep Batch(es):** **L316754** 01/04/17 08:25
Prep Method: 3005A

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Arsenic	<12.5	mg/L	12.5	100	01/11/17 00:54	JTR	L317712
TCLP Barium	<12.5	mg/L	12.5	100	01/11/17 00:54	JTR	L317712
TCLP Cadmium	<2.50	mg/L	2.50	100	01/11/17 00:54	JTR	L317712
TCLP Chromium	<5.00	mg/L	5.00	100	01/11/17 00:54	JTR	L317712
TCLP Lead	<5.00	mg/L	5.00	100	01/11/17 00:54	JTR	L317712
TCLP Selenium	<25.0	mg/L	25.0	100	01/11/17 00:54	JTR	L317712
TCLP Silver	<2.50	mg/L	2.50	100	01/11/17 00:54	JTR	L317712

Analytical Method: 7470A **Prep Batch(es):** **L316757** 01/04/17 08:45
Prep Method: 7470A

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Mercury	<0.0200	mg/L	0.0200	1	01/04/17 12:05	KKM	L316838

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 01/13/2017
Received : 12/21/2016

Randell H. Thomas
Randy Thomas
Project Manager

Report Number : **16-356-0209**

REPORT OF ANALYSIS

Lab No : **95404**
Sample ID : **V161220161500**

Matrix: **Aqueous**
Sampled: **12/20/2016 15:00**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Acidity (as CaCO3)	**22000**	mg/L	100	1	12/30/16 10:44	DB2	2310B-2011
Alkalinity (as CaCO3)	<100	mg/L	100	1	01/03/17 10:29	DB2	2320B-2011
Cyanide, Amenable	<10.0	mg/L	10.0	1000	01/02/17 12:07	EWB	4500CNG-2011
Cyanide, Total	<10.0	mg/L	10.0	1000	12/31/16 12:30	EWB	4500CNE-2011
pH	**3.1**	s.u.		1	12/21/16 14:25	WRO	4500H+B-2011
Total Settleable Solids	<0.1	mL/L	0.1	1	12/21/16 11:26	EWB	2540F-2011
Total Solids	**133000**	mg/L	40	1	12/23/16 13:25	GHD	2540B-2011
Total Suspended Solids	**28**	mg/L	2	1	12/21/16 13:10	KGL	2540D-2011
Sulfide	<25.0	mg/L	25.0	25	12/23/16 11:04	GHD	4500S2G-2011
Total Arsenic	<5.00	mg/L	5.00	100	01/11/17 00:58	JTR	EPA-200.7
Total Barium	<5.00	mg/L	5.00	100	01/11/17 00:58	JTR	EPA-200.7
Total Cadmium	<1.00	mg/L	1.00	100	01/12/17 22:15	JTR	EPA-200.7
Total Chromium	<2.50	mg/L	2.50	100	01/11/17 00:58	JTR	EPA-200.7
Total Copper	<2.50	mg/L	2.50	100	01/12/17 22:15	JTR	EPA-200.7
Total Lead	<3.00	mg/L	3.00	100	01/11/17 00:58	JTR	EPA-200.7
Mercury (Total)	<0.00200	mg/L	0.00200	10	12/23/16 14:00	KKM	EPA-245.1
Total Selenium	<5.00	mg/L	5.00	100	01/11/17 00:58	JTR	EPA-200.7
Total Silver	<2.50	mg/L	2.50	100	01/11/17 00:58	JTR	EPA-200.7
Total Sodium	**14300**	mg/L	250	100	01/11/17 00:58	JTR	EPA-200.7
Total Zinc	<5.00	mg/L	5.00	100	01/11/17 00:58	JTR	EPA-200.7
Sulfate	**59300**	mg/L	1000	1000	12/28/16 20:30	BKN	EPA-300.0
Sulfide (Reactivity)	<25.0	mg/L	25.0	1	12/23/16 11:04	GHD	SW-7.3.4

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 01/13/2017
Received : 12/21/2016

Randell H. Thomas
Randy Thomas
Project Manager

Report Number : **16-356-0209**

REPORT OF ANALYSIS

Lab No : **95405**
Sample ID : **V171220161515**

Matrix: **Solid**
Sampled: **12/20/2016 15:15**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
TCLP Metals Extraction	**Filtrate**			1	01/03/17 14:07	SAJ	SW-1311

Analytical Method: 6010C **Prep Batch(es):** **L316754** 01/04/17 08:25
Prep Method: 3005A

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Arsenic	<12.5	mg/L	12.5	100	01/13/17 12:37	CCR	L317919
TCLP Barium	<12.5	mg/L	12.5	100	01/13/17 12:37	CCR	L317919
TCLP Cadmium	**14.3**	mg/L	2.50	100	01/13/17 12:37	CCR	L317919
TCLP Chromium	<5.00	mg/L	5.00	100	01/13/17 12:37	CCR	L317919
TCLP Lead	<5.00	mg/L	5.00	100	01/13/17 12:37	CCR	L317919
TCLP Selenium	<25.0	mg/L	25.0	100	01/13/17 12:37	CCR	L317919
TCLP Silver	<2.50	mg/L	2.50	100	01/13/17 12:37	CCR	L317919

Analytical Method: 7470A **Prep Batch(es):** **L316757** 01/04/17 08:45
Prep Method: 7470A

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Mercury	<0.0200	mg/L	0.0200	1	01/04/17 12:10	KKM	L316838

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 01/13/2017
Received : 12/21/2016

Randy Thomas
Project Manager

Report Number : **16-356-0209**

REPORT OF ANALYSIS

Lab No : **95406**
Sample ID : **V171220161515**

Matrix: **Aqueous**
Sampled: **12/20/2016 15:15**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Acidity (as CaCO3)	**52000**	mg/L	100	1	12/30/16 10:44	DB2	2310B-2011
Alkalinity (as CaCO3)	**700**	mg/L	100	1	01/03/17 10:29	DB2	2320B-2011
Cyanide, Amenable	<10.0	mg/L	10.0	1000	01/02/17 12:07	EWB	4500CNG-2011
Cyanide, Total	<10.0	mg/L	10.0	1000	12/31/16 12:30	EWB	4500CNE-2011
pH	**4.5**	s.u.		1	12/21/16 14:25	WRO	4500H+B-2011
Total Settleable Solids	**1.4**	mL/L	0.1	1	12/21/16 11:26	EWB	2540F-2011
Total Solids	**447000**	mg/L	45	1	12/23/16 13:25	GHD	2540B-2011
Total Suspended Solids	**141**	mg/L	2	1	12/21/16 13:10	KGL	2540D-2011
Sulfide	<25.0	mg/L	25.0	25	12/23/16 11:04	GHD	4500S2G-2011
Total Arsenic	**5.15**	mg/L	5.00	100	01/13/17 13:33	CCR	EPA-200.7
Total Barium	<5.00	mg/L	5.00	100	01/13/17 13:33	CCR	EPA-200.7
Total Cadmium	**15.1**	mg/L	1.00	100	01/13/17 13:33	CCR	EPA-200.7
Total Chromium	<2.50	mg/L	2.50	100	01/13/17 13:33	CCR	EPA-200.7
Total Copper	**208**	mg/L	2.50	100	01/13/17 13:33	CCR	EPA-200.7
Total Lead	<3.00	mg/L	3.00	100	01/13/17 13:33	CCR	EPA-200.7
Mercury (Total)	<0.00200	mg/L	0.00200	10	12/23/16 14:02	KKM	EPA-245.1
Total Selenium	<5.00	mg/L	5.00	100	01/13/17 13:33	CCR	EPA-200.7
Total Silver	<2.50	mg/L	2.50	100	01/13/17 13:33	CCR	EPA-200.7
Total Sodium	**28000**	mg/L	250	100	01/13/17 13:33	CCR	EPA-200.7
Total Zinc	<5.00	mg/L	5.00	100	01/13/17 13:33	CCR	EPA-200.7
Sulfate	**146000**	mg/L	10000	10000	12/29/16 14:31	BKN	EPA-300.0
Sulfide (Reactivity)	<25.0	mg/L	25.0	1	12/23/16 11:04	GHD	SW-7.3.4

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 01/13/2017
Received : 12/21/2016

Randy Thomas
Project Manager

Report Number : **16-356-0209**

REPORT OF ANALYSIS

Lab No : **95407**
Sample ID : **V221220161535**

Matrix: **Solid**
Sampled: **12/20/2016 15:35**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
TCLP Metals Extraction	**Filtrate**			1	01/03/17 14:07	SAJ	SW-1311

Analytical Method: 6010C **Prep Batch(es):** **L316957** 01/05/17 09:55
Prep Method: 3005A

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Arsenic	<125	mg/L	125	100	01/13/17 15:46	JTR	L317944
TCLP Barium	<125	mg/L	125	100	01/13/17 15:46	JTR	L317944
TCLP Cadmium	<25.0	mg/L	25.0	100	01/13/17 15:46	JTR	L317944
TCLP Chromium	<50.0	mg/L	50.0	100	01/13/17 15:46	JTR	L317944
TCLP Lead	<50.0	mg/L	50.0	100	01/13/17 15:46	JTR	L317944
TCLP Selenium	<250	mg/L	250	100	01/13/17 15:46	JTR	L317944
TCLP Silver	<25.0	mg/L	25.0	100	01/13/17 15:46	JTR	L317944

Analytical Method: 7470A **Prep Batch(es):** **L316757** 01/04/17 08:45
Prep Method: 7470A

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Mercury	<0.0200	mg/L	0.0200	1	01/04/17 12:11	KKM	L316838

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 01/13/2017
Received : 12/21/2016

Randell H. Thomas

Randy Thomas
Project Manager

Report Number : **16-356-0209**

REPORT OF ANALYSIS

Lab No : **95408**
Sample ID : **V221220161535**

Matrix: **Aqueous**
Sampled: **12/20/2016 15:35**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Acidity (as CaCO3)	<100	mg/L	100	1	12/30/16 10:44	DB2	2310B-2011
Alkalinity (as CaCO3)	**106000**	mg/L	100	1	01/03/17 10:29	DB2	2320B-2011
Cyanide, Amenable	**180000**	mg/L	250	25000	01/02/17 12:07	EWB	4500CNG-2011
Cyanide, Total	**182000**	mg/L	5000	500000	12/31/16 12:30	EWB	4500CNE-2011
pH	**9.6**	s.u.		1	12/21/16 14:25	WRO	4500H+B-2011
Total Settleable Solids	**13.1**	mL/L	0.1	1	12/21/16 11:26	EWB	2540F-2011
Total Solids	**364000**	mg/L	31	1	12/23/16 13:25	GHD	2540B-2011
Total Suspended Solids	**589**	mg/L	2	1	12/21/16 13:30	KGL	2540D-2011
Sulfide	<25.0	mg/L	25.0	25	12/23/16 11:04	GHD	4500S2G-2011
Total Arsenic	<50.0	mg/L	50.0	100	01/12/17 22:24	JTR	EPA-200.7
Total Barium	<50.0	mg/L	50.0	100	01/12/17 22:24	JTR	EPA-200.7
Total Cadmium	<10.0	mg/L	10.0	100	01/12/17 22:24	JTR	EPA-200.7
Total Chromium	**34.5**	mg/L	25.0	100	01/12/17 22:24	JTR	EPA-200.7
Total Copper	**59100**	mg/L	25.0	100	01/12/17 22:24	JTR	EPA-200.7
Total Lead	<30.0	mg/L	30.0	100	01/13/17 13:57	CCR	EPA-200.7
Mercury (Total)	**0.0110**	mg/L	0.0100	1	12/23/16 14:04	KKM	EPA-245.1
Total Selenium	<50.0	mg/L	50.0	100	01/12/17 22:24	JTR	EPA-200.7
Total Silver	<25.0	mg/L	25.0	100	01/12/17 22:24	JTR	EPA-200.7
Total Sodium	**82600**	mg/L	2500	100	01/12/17 22:24	JTR	EPA-200.7
Total Zinc	**2680**	mg/L	50.0	100	01/12/17 22:24	JTR	EPA-200.7
Sulfate	**5060**	mg/L	100	100	12/28/16 11:56	BKN	EPA-300.0
Sulfide (Reactivity)	<25.0	mg/L	25.0	1	12/23/16 11:04	GHD	SW-7.3.4

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: Tetra Tech EM, Inc.
Project Description: Chromcraft
Report No: 16-356-0209

QC Prep Batch: L316081
QC Prep Batch Method: EPA-200.7 (PREP)
Analysis Method: EPA-200.7
Analysis Description: Total Metals

Lab Reagent Blank LRB-L316081 Matrix: AQU

Associated Lab Samples: 95400, 95402, 95404, 95406, 95408

Parameter	Units	Blank Result	MQL	Analyzed
Total Arsenic	mg/L	< 0.010	0.010	01/12/17 22:01
Total Barium	mg/L	< 0.010	0.010	01/12/17 22:01
Total Cadmium	mg/L	< 0.0020	0.0020	01/12/17 22:01
Total Chromium	mg/L	< 0.005	0.005	01/12/17 22:01
Total Copper	mg/L	< 0.005	0.005	01/12/17 22:01
Total Lead	mg/L	< 0.006	0.006	12/29/16 01:10
Total Selenium	mg/L	< 0.010	0.010	01/12/17 22:01
Total Silver	mg/L	< 0.005	0.005	01/12/17 22:01
Total Sodium	mg/L	< 0.500	0.500	01/12/17 22:01
Total Zinc	mg/L	< 0.010	0.010	01/12/17 22:01

Laboratory Control Sample LCS-L316081

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
Total Arsenic	mg/L	0.100	0.098	98.0	85-115
Total Barium	mg/L	1.00	0.936	93.6	85-115
Total Cadmium	mg/L	0.100	0.0968	96.8	85-115
Total Chromium	mg/L	1.00	1.05	105	85-115
Total Copper	mg/L	1.00	0.917	91.7	85-115
Total Lead	mg/L	0.100	0.095	95.0	85-115
Total Selenium	mg/L	0.100	0.093	93.0	85-115
Total Silver	mg/L	0.100	0.099	99.0	85-115
Total Sodium	mg/L	10.0	9.76	97.6	85-115
Total Zinc	mg/L	1.00	0.962	96.2	85-115

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: Tetra Tech EM, Inc.
Project Description: Chromcraft
Report No: 16-356-0209

QC Prep Batch: L316081
QC Prep Batch Method: EPA-200.7 (PREP)
Analysis Method: EPA-200.7
Analysis Description: Total Metals

Matrix Spike & Matrix Spike Duplicate L 95431-MS-L316081 L 95431-MSD-L316081

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
Total Arsenic	mg/L	< 50.0	0.500	0.500	27.6	27.6	0.0*	0.0*	70-130	0.0	20.0
Total Barium	mg/L	< 0.500	5.00	5.00	5.38	5.39	108	108	70-130	0.1	20.0
Total Cadmium	mg/L	0.135	0.500	0.500	0.730	0.720	119	117	70-130	1.3	20.0
Total Chromium	mg/L	19600	5.00	5.00	20600	20200	20000*	12000*	70-130	1.9	20.0
Total Copper	mg/L	237	5.00	5.00	261	254	480*	340*	70-130	2.7	20.0
Total Lead	mg/L	< 3.00	0.500	0.500	1.97	1.97	0.0*	0.0*	70-130	0.0	20.0
Total Selenium	mg/L	< 0.500	0.500	0.500	0.318	0.318	0.0*	0.0*	70-130	0.0	20.0
Total Silver	mg/L	< 0.250	0.500	0.500	0.575	0.575	115	115	70-130	0.0	20.0
Total Sodium	mg/L	2720	50.0	50.0	2920	2840	400*	240*	70-130	2.7	20.0
Total Zinc	mg/L	8.55	5.00	5.00	12.7	12.6	83.0	81.0	70-130	0.7	20.0

Post Digestion Spike L 95431-PDS-L316081

Parameter	Units	PDS Result	% Recovery	Analyzed
Total Arsenic	mg/L	1.20	96.0	01/03/17 23:40
Total Barium	mg/L	13.2	105	12/30/16 03:16
Total Cadmium	mg/L	1.32	105	12/30/16 03:16
Total Chromium	mg/L	108	97.5	12/30/16 04:52
Total Copper	mg/L	24.0	98.5	12/30/16 03:16
Total Lead	mg/L	1.25	100	12/30/16 03:16
Total Selenium	mg/L	1.26	101	12/30/16 03:16
Total Silver	mg/L	1.28	102	12/30/16 03:16
Total Sodium	mg/L	256	98.0	12/30/16 03:16
Total Zinc	mg/L	12.1	96.5	12/30/16 04:52

* QC Fail

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: **Tetra Tech EM, Inc.**
Project Description: **Chromcraft**
Report No: **16-356-0209**

QC Prep Batch: L315965 **Analysis Method:** EPA-245.1
QC Prep Batch Method: EPA-245.1 (PREP) **Analysis Description:** Mercury

Lab Reagent Blank LRB-L315965 Matrix: AQU

Associated Lab Samples: 95400, 95402, 95404, 95406, 95408

Parameter	Units	Blank Result	MQL	Analyzed
Mercury (Total)	mg/L	< 0.00020	0.00020	12/23/16 13:19

Laboratory Control Sample LCS-L315965

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
Mercury (Total)	mg/L	0.00400	0.00416	104	85-115

Matrix Spike & Matrix Spike Duplicate L 95938-MS-L315965 L 95938-MSD-L315965

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
Mercury (Total)	mg/L	< 0.00020	0.00400	0.00400	0.00403	0.00403	101	101	70-130	0.0	20.0

Post Digestion Spike L 95938-PDS-L315965

Parameter	Units	PDS Result	% Recovery	Analyzed
Mercury (Total)	mg/L	0.00504	101	12/23/16 14:19

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: **Tetra Tech EM, Inc.**
Project Description: **Chromcraft**
Report No: **16-356-0209**

QC Prep Batch: L316321
QC Prep Batch Method: EPA-300.0 (PREP)
Analysis Method: EPA-300.0
Analysis Description: Anions by Ion Chromatography

Lab Reagent Blank LRB-L316321 Matrix: AQU

Associated Lab Samples: 95400, 95402, 95404, 95406, 95408

Parameter	Units	Blank Result	MQL	Analyzed
Sulfate	mg/L	< 1.00	1.00	12/28/16 08:55

Laboratory Control Sample LCS-L316321

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
Sulfate	mg/L	69.4	69.0	99.3	90-110

Matrix Spike & Matrix Spike Duplicate L 96588-MS-L316321 L 96588-MSD-L316321

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
Sulfate	mg/L	2.21	69.4	69.4	72.6	72.8	101	102	80-120	0.2	20.0

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: **Tetra Tech EM, Inc.**
Project Description: **Chromcraft**
Report No: **16-356-0209**

QC Prep Batch: L316484
QC Prep Batch Method: SM-2310B
Analysis Method: 2310B-2011
Analysis Description: Acidity

Duplicate L 95415-DUP

Parameter	Units	Result	DUP Result	RPD	Max RPD	Analyzed
Acidity (as CaCO3)	mg/L	< 100	< 100	0.0	15	12/30/16 10:44

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: **Tetra Tech EM, Inc.**
Project Description: **Chromcraft**
Report No: **16-356-0209**

QC Prep Batch: L316628
QC Prep Batch Method: SM-2320 B
Analysis Method: 2320B-2011
Analysis Description: Alkalinity

Duplicate L 95406-DUP

Parameter	Units	Result	DUP Result	RPD	Max RPD	Analyzed
Alkalinity (as CaCO3)	mg/L	700	700	0.0	10	01/03/17 10:29

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: **Tetra Tech EM, Inc.**
Project Description: **Chromcraft**
Report No: **16-356-0209**

QC Prep Batch: L316019
QC Prep Batch Method: SM-2540B
Analysis Method: 2540B-2011
Analysis Description: Total Solids

Lab Reagent Blank LRB Matrix: AQU

Associated Lab Samples: 95400, 95402, 95404, 95406, 95408

Parameter	Units	Blank Result	MQL	Analyzed
Total Solids	mg/L	< 10	10	12/23/16 13:25

Laboratory Control Sample LCS

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
Total Solids	mg/L	250	259	104	90-110

Duplicate L 95408-DUP

Parameter	Units	Result	DUP Result	RPD	Max RPD	Analyzed
Total Solids	mg/L	364000	412000	12.3*	10	12/23/16 13:25

* QC Fail

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: Tetra Tech EM, Inc.
Project Description: Chromcraft
Report No: 16-356-0209

QC Prep Batch: L315668 **Analysis Method:** 2540D-2011
QC Prep Batch Method: SM-2540D **Analysis Description:** Total Suspended Solids

Lab Reagent Blank LRB Matrix: AQU

Associated Lab Samples: 95400, 95402, 95404, 95406

Parameter	Units	Blank Result	MQL	Analyzed
Total Suspended Solids	mg/L	< 2	2	12/21/16 13:10

Duplicate L 95365-DUP

Parameter	Units	Result	DUP Result	RPD	Max RPD	Analyzed
Total Suspended Solids	mg/L	6	4	40.0*	10	12/21/16 13:10

QC Prep Batch: L315669 **Analysis Method:** 2540D-2011
QC Prep Batch Method: SM-2540D **Analysis Description:** Total Suspended Solids

Lab Reagent Blank LRB Matrix: AQU

Associated Lab Samples: 95408

Parameter	Units	Blank Result	MQL	Analyzed
Total Suspended Solids	mg/L	< 2	2	12/21/16 13:30

Duplicate L 95411-DUP

Parameter	Units	Result	DUP Result	RPD	Max RPD	Analyzed
Total Suspended Solids	mg/L	12	8	40.0*	10	12/21/16 13:30

* QC Fail

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: **Tetra Tech EM, Inc.**
Project Description: **Chromcraft**
Report No: **16-356-0209**

QC Prep Batch: L316535
QC Prep Batch Method: SM-4500CNE
Analysis Method: 4500CNE-2011
Analysis Description: Total Cyanide

Lab Reagent Blank LRB Matrix: AQU

Associated Lab Samples: 95400, 95402, 95404, 95406, 95408

Parameter	Units	Blank Result	MQL	Analyzed
Cyanide, Total	mg/L	< 0.005	0.005	12/31/16 12:30

Laboratory Control Sample LCS

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
Cyanide, Total	mg/L	0.200	0.190	95.0	90-110

Duplicate L 95811-DUP

Parameter	Units	Result	DUP Result	RPD	Max RPD	Analyzed
Cyanide, Total	mg/L	0.225	0.213	5.4	20.0	12/31/16 12:30

Matrix Spike L 95811-MS

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	%Rec Limits	RPD	Max RPD
Cyanide, Total	mg/L	0.225	0.200		0.389		82.0	70-130		

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: Tetra Tech EM, Inc.
Project Description: Chromcraft
Report No: 16-356-0209

QC Prep Batch: L316006
QC Prep Batch Method: SM-4500S2G
Analysis Method: 4500S2G-2011
Analysis Description: Sulfide by ISE

Lab Reagent Blank LRB Matrix: AQU

Associated Lab Samples: 95400, 95402, 95404, 95406, 95408

Parameter	Units	Blank Result	MQL	Analyzed
Sulfide	mg/L	< 1.00	1.00	12/23/16 11:04

Laboratory Control Sample LCS

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
Sulfide	mg/L	5.01	4.58	91.4	80-120

Duplicate G 88977-DUP

Parameter	Units	Result	DUP Result	RPD	Max RPD	Analyzed
Sulfide	mg/L	< 1.00	< 1.00	0.0	20.0	12/23/16 11:04

Matrix Spike G 88977-MS

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	%Rec Limits	RPD	Max RPD
Sulfide	mg/L	< 1.02	2.04		1.98		97.0	70-130		

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: Tetra Tech EM, Inc.
Project Description: Chromcraft
Report No: 16-356-0209

QC Prep Batch: L316754
QC Prep Batch Method: 3005A
Analysis Method: 6010C
Analysis Description: Metals Analysis (TCLP)

Lab Reagent Blank LRB-L316754 Matrix: TCL

Associated Lab Samples: 95399, 95401, 95403, 95405

Parameter	Units	Blank Result	MQL	Analyzed
TCLP Arsenic	mg/L	< 0.025	0.025	01/12/17 23:00
TCLP Barium	mg/L	< 0.025	0.025	01/12/17 23:00
TCLP Cadmium	mg/L	< 0.005	0.005	01/12/17 23:00
TCLP Chromium	mg/L	< 0.010	0.010	01/13/17 14:29
TCLP Lead	mg/L	< 0.010	0.010	01/13/17 14:29
TCLP Selenium	mg/L	< 0.050	0.050	01/12/17 23:00
TCLP Silver	mg/L	< 0.005	0.005	01/12/17 23:00

Laboratory Control Sample LCS-L316754

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
TCLP Arsenic	mg/L	0.100	0.099	99.0	80-120
TCLP Barium	mg/L	1.00	0.956	95.6	80-120
TCLP Cadmium	mg/L	0.100	0.098	98.0	80-120
TCLP Chromium	mg/L	1.00	1.05	105	80-120
TCLP Lead	mg/L	0.100	0.104	104	80-120
TCLP Selenium	mg/L	0.100	0.094	94.0	80-120
TCLP Silver	mg/L	0.100	0.098	98.0	80-120

Matrix Spike & Matrix Spike Duplicate L 96956-MS-L316754 L 96956-MSD-L316754

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
TCLP Arsenic	mg/L	< 0.025	0.500	0.500	0.517	0.502	103	100	75-125	2.9	20.0
TCLP Barium	mg/L	1.53	5.00	5.00	6.35	6.20	96.4	93.4	75-125	2.3	20.0
TCLP Cadmium	mg/L	< 0.005	0.500	0.500	0.496	0.480	99.2	96.0	75-125	3.2	20.0
TCLP Chromium	mg/L	0.025	5.00	5.00	4.89	4.74	97.3	94.3	75-125	3.1	20.0
TCLP Lead	mg/L	< 0.010	0.500	0.500	0.478	0.465	95.6	93.0	75-125	2.7	20.0

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: **Tetra Tech EM, Inc.**
Project Description: **Chromcraft**
Report No: **16-356-0209**

QC Prep Batch: L316754
QC Prep Batch Method: 3005A
Analysis Method: 6010C
Analysis Description: Metals Analysis (TCLP)

Matrix Spike & Matrix Spike Duplicate L 96956-MS-L316754 L 96956-MSD-L316754

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
TCLP Selenium	mg/L	< 0.050	0.500	0.500	0.551	0.535	110	107	75-125	2.9	20.0
TCLP Silver	mg/L	< 0.005	0.500	0.500	0.502	0.506	100	101	75-125	0.7	20.0

Post Digestion Spike L 96956-PDS-L316754

Parameter	Units	PDS Result	% Recovery	Analyzed
TCLP Arsenic	mg/L	0.249	99.9	01/05/17 03:06
TCLP Barium	mg/L	3.19	97.7	01/05/17 03:06
TCLP Cadmium	mg/L	0.248	99.4	01/05/17 03:06
TCLP Chromium	mg/L	2.51	99.7	01/05/17 03:06
TCLP Lead	mg/L	0.249	99.6	01/06/17 13:15
TCLP Selenium	mg/L	0.258	103	01/05/17 03:06
TCLP Silver	mg/L	0.254	102	01/05/17 03:06

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: Tetra Tech EM, Inc.
Project Description: Chromcraft
Report No: 16-356-0209

QC Prep Batch: L316957
QC Prep Batch Method: 3005A
Analysis Method: 6010C
Analysis Description: Metals Analysis (TCLP)

Lab Reagent Blank LRB-L316957 Matrix: TCL

Associated Lab Samples: 95407

Parameter	Units	Blank Result	MQL	Analyzed
TCLP Arsenic	mg/L	< 0.025	0.025	01/05/17 20:02
TCLP Barium	mg/L	< 0.025	0.025	01/05/17 20:02
TCLP Cadmium	mg/L	< 0.005	0.005	01/05/17 20:02
TCLP Chromium	mg/L	< 0.010	0.010	01/05/17 20:02
TCLP Lead	mg/L	< 0.010	0.010	01/05/17 20:02
TCLP Selenium	mg/L	< 0.050	0.050	01/05/17 20:02
TCLP Silver	mg/L	< 0.005	0.005	01/05/17 20:02

Laboratory Control Sample LCS-L316957

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
TCLP Arsenic	mg/L	0.100	0.099	99.0	80-120
TCLP Barium	mg/L	1.00	0.986	98.6	80-120
TCLP Cadmium	mg/L	0.100	0.100	100	80-120
TCLP Chromium	mg/L	1.00	1.04	104	80-120
TCLP Lead	mg/L	0.100	0.096	96.0	80-120
TCLP Selenium	mg/L	0.100	0.097	97.0	80-120
TCLP Silver	mg/L	0.100	0.100	100	80-120

Matrix Spike & Matrix Spike Duplicate L 96130-MS-L316957 L 96130-MSD-L316957

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
TCLP Arsenic	mg/L	< 0.025	0.500	0.500	0.536	0.533	107	107	75-125	0.5	20.0
TCLP Barium	mg/L	0.136	5.00	5.00	4.73	4.74	91.8	92.0	75-125	0.2	20.0
TCLP Cadmium	mg/L	< 0.005	0.500	0.500	0.455	0.454	91.0	90.8	75-125	0.2	20.0
TCLP Chromium	mg/L	< 0.010	5.00	5.00	4.73	4.75	94.6	95.0	75-125	0.4	20.0
TCLP Lead	mg/L	< 0.010	0.500	0.500	0.424	0.422	84.8	84.4	75-125	0.4	20.0

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: **Tetra Tech EM, Inc.**
Project Description: **Chromcraft**
Report No: **16-356-0209**

QC Prep Batch: L316957
QC Prep Batch Method: 3005A
Analysis Method: 6010C
Analysis Description: Metals Analysis (TCLP)

Matrix Spike & Matrix Spike Duplicate L 96130-MS-L316957 L 96130-MSD-L316957

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
TCLP Selenium	mg/L	< 0.050	0.500	0.500	0.534	0.532	107	106	75-125	0.3	20.0
TCLP Silver	mg/L	< 0.005	0.500	0.500	0.520	0.522	104	104	75-125	0.3	20.0

Post Digestion Spike L 96130-PDS-L316957

Parameter	Units	PDS Result	% Recovery	Analyzed
TCLP Arsenic	mg/L	0.258	103	01/05/17 20:54
TCLP Barium	mg/L	2.43	94.4	01/05/17 20:54
TCLP Cadmium	mg/L	0.233	93.3	01/05/17 20:54
TCLP Chromium	mg/L	2.45	97.8	01/05/17 20:54
TCLP Lead	mg/L	0.222	88.9	01/05/17 20:54
TCLP Selenium	mg/L	0.254	102	01/05/17 20:54
TCLP Silver	mg/L	0.259	104	01/05/17 20:54

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: **Tetra Tech EM, Inc.**
Project Description: **Chromcraft**
Report No: **16-356-0209**

QC Prep Batch: L316757 **Analysis Method:** 7470A
QC Prep Batch Method: 7470A **Analysis Description:** Total Aqueous Mercury Analysis - CVA

Lab Reagent Blank LRB-L316757 Matrix: TCL

Associated Lab Samples: 95399, 95401, 95403, 95405, 95407

Parameter	Units	Blank Result	MQL	Analyzed
TCLP Mercury	mg/L	< 0.0010	0.0010	01/04/17 11:33

Laboratory Control Sample LCS-L316757

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
TCLP Mercury	mg/L	0.0040	0.0042	105	80-120

Matrix Spike & Matrix Spike Duplicate L 95407-MS-L316757 L 95407-MSD-L316757

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
TCLP Mercury	mg/L	< 0.0200	0.0800	0.0800	0.0742	0.0778	92.7	97.2	80-120	4.7	20.0

Post Digestion Spike L 95407-PDS-L316757

Parameter	Units	PDS Result	% Recovery	Analyzed
TCLP Mercury	mg/L	0.102	102	01/04/17 12:17

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Cooler Receipt Form

Customer Number: **06379**
Customer Name: **Tetra Tech EM, Inc.**
Report Number: **16-356-0209**

Shipping Method

○ Fed Ex ○ US Postal ○ Lab ○ Other :
○ UPS ● Client ○ Courier Thermometer ID: #10

Shipping container/cooler uncompromised?	● Yes	○ No	
Number of coolers received	2		
Custody seals intact on shipping container/cooler?	○ Yes	○ No	● Not Required
Custody seals intact on sample bottles?	○ Yes	○ No	● Not Required
Chain of Custody (COC) present?	● Yes	○ No	
COC agrees with sample label(s)?	● Yes	○ No	
COC properly completed	● Yes	○ No	
Samples in proper containers?	● Yes	○ No	
Sample containers intact?	● Yes	○ No	
Sufficient sample volume for indicated test(s)?	● Yes	○ No	
All samples received within holding time?	● Yes	○ No	
Cooler temperature in compliance?	○ Yes	● No	
Cooler/Samples arrived at the laboratory on ice. Samples were considered acceptable as cooling process had begun.	● Yes	○ No	
Water - Sample containers properly preserved	● Yes	○ No	○ N/A
Water - VOA vials free of headspace	○ Yes	○ No	● N/A
Trip Blanks received with VOAs	○ Yes	○ No	● N/A
Soil VOA method 5035 – compliance criteria met	○ Yes	○ No	● N/A

☐ High concentration container (48 hr) ☐ Low concentration EnCore samplers (48 hr)
☐ High concentration pre-weighed (methanol -14 d) ☐ Low conc pre-weighed vials (Sod Bis -14 d)

Special precautions or instructions included?	○ Yes	● No

Comments: Cooler temps @ 8.1 and 8.8 degrees C.

Any regulatory non-compliance issues will be recorded on non-compliance report.

Signature: Danyale Love Date & Time: 12/21/2016 09:53:17

Waypoint ANALYTICAL

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

Kit ID:	0000074505
Initiated By:	Randy Thomas
Project Commment	

CHAIN-OF-CUSTO

16-356-0209
06379
12-21-2016
09:50:00
Tetra Tech EM, Inc.
Chromcraft

Company Name	Company Number	Client Project Manager/Contact	Purchase Order Number
Tetra Tech EM, Inc.	06379	Tetra Tech EM, Inc.	
Site Name	**Project Number**	☐ RUSH – Additional charges apply ☐ Special Detection Limits(s) Date Results Needed	**Method of Shipment** ☐ Fed Ex ☐ UPS ☐ USPS ☐ Courier ☑ Client Drop Off Other
Chromecraft	103X902701061		
LIMS Project ID	**Project Manager Phone #**	**Project Manager Email**	**Site/Facility ID #**
Tetra Tech - Chromcraft	Todd Taylor 615.992.5556 (687) 775-3104	todd.taylor@tetratech.com	

Date	Time	Sample ID	Matrix	Grab/ Comp	# of Cont	Container Type	Preservation	Analyses
12/20/16	1338	V31122016 1338	Aqueous	G	3	Plastic - Quart	NONE	TCLP Metals/TSS/TS/SS/SO4/pH/Alk/Acid
12/20/16	13:38	V3 1220161338	Aqueous	G	1	Plastic - Pint	NaOH - Sodium Hydroxide	CNA/CNT
12/20/16	13:38	V3 1220161338	Aqueous	G	1	Plastic - Pint	HNO3 - Nitric Acid	RCRA Metals/Cu/Na/Zn
12/20/16	13:38	V31 1220161338	Aqueous	G	1	Plastic - Pint	ZnAc+NaOH - Zinc Acetate+Sodium Hydroxide	Total & React Sulfide
12/20/16	14:00	V13122016 1400	Aqueous	G	3	Plastic - Quart	NONE	TCLP Metals/TSS/TS/SS/SO4/pH/Alk/Acid
12/20/16	14:00	V13 1220161400	Aqueous	G	1	Plastic - Pint	NaOH - Sodium Hydroxide	CNA/CNT
12/20/16	1400	V13 1220161400	Aqueous	G	1	Plastic - Pint	HNO3 - Nitric Acid	RCRA Metals/Cu/Na/Zn

For Laboratory Use Only			Sampled by (Name - Print)	Client Remarks/Comments			
Ice Y/N	Custody Seals Y/N	Lab Comments	Todd T				
		Approval to analyze per Todd Taylor. 12/21/16	Relinquished by: (SIGNATURE) Todd T	Date Time	Received by: (SIGNATURE)	Date Time	
Blank/Cooler Temp 8.1, 7.6, 8.8°C TIOBS			Relinquished by: (SIGNATURE)	Date Time	Received by: (SIGNATURE)	Date Time	
			Relinquished by: (SIGNATURE)	Date Time	Received by: (SIGNATURE) S. Cook	Date Time 12/21/16 1830	

1/3

Waypoint ANALYTICAL

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

Kit ID:	0000074505
Initiated By:	Randy Thomas
Project Commment	

CHAIN-OF-CUS

Tetra Tech EM, Inc.
Chromcraft

16-356-0209
06379
12-21-2016
09:50:00

Company Name	Company Number	Client Project Manager/Contact	Purchase Order Number
Tetra Tech EM, Inc.	06379	Tetra Tech EM, Inc.	
Site Name Chromecraft	**Project Number** 103X902701061	☐ RUSH – Additional charges apply ☐ Special Detection Limits(s) Date Results Needed	**Method of Shipment** ☐ Fed Ex ☐ UPS ☐ USPS ☐ Courier ☐ Client Drop Off Other
LIMS Project ID Tetra Tech - Chromcraft	**Project Manager Phone #** Todd Taylor 615.992 5556 (687) 775-3104	**Project Manager Email** todd.taylor@tetra tech.com	**Site/Facility ID #**

Date	Time	Sample ID	Matrix	Grab/ Comp	# of Cont	Container Type	Preservation	Analyses
12/20/16	1400	V13122016 1400	Aqueous	G	1	Plastic - Pint	ZnAc+NaOH - Zinc Acetate+Sodium Hydroxide	Total & React Sulfide
12/20/16	15:00	V16122016 1500	Aqueous	G	3	Plastic - Quart	NONE	TCLP Metals/TSS/TS/SS/SO4/pH/Alk/Acid
12/20/16	15:00	V16122016 1500	Aqueous	G	1	Plastic - Pint	NaOH - Sodium Hydroxide	CNA/CNT
12/20/16	15:00	V16122016 1500	Aqueous	G	1	Plastic - Pint	HNO3 - Nitric Acid	RCRA Metals/Cu/Na/Zn
12/20/16	15:00	V16122016 1500	Aqueous	G	1	Plastic - Pint	ZnAc+NaOH - Zinc Acetate+Sodium Hydroxide	Total & React Sulfide
12/20/16	15:15	~~V16122016~~ V17122016 1515	Aqueous	G	3	Plastic - Quart	NONE	TCLP Metals/TSS/TS/SS/SO4/pH/Alk/Acid
12/20/16	15:15	V17122016 1515	Aqueous	G	1	Plastic - Pint	NaOH - Sodium Hydroxide	CNA/CNT

For Laboratory Use Only			Sampled by (Name - Print)	Client Remarks/Comments		
Ice Y/N	Custody Seals Y/N	Lab Comments	Todd Taylor			
			Relinquished by: (SIGNATURE) Todd	Date Time 12/20/16	Received by: (SIGNATURE)	Date Time
			Relinquished by: (SIGNATURE)	Date Time	Received by: (SIGNATURE)	Date Time
Blank/Cooler Temp 8.1°C, 8.8°C TIOBS			Relinquished by: (SIGNATURE)	Date Time	Received by: (SIGNATURE) S. Cook	Date Time 12/20/16 1830

Waypoint ANALYTICAL

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

Kit ID:	0000074505
Initiated By:	Randy Thomas
Project Commment	

CHAIN-OF-CUS

16-356-0209
06379
12-21-2016
09:50:00
Tetra Tech EM, Inc.
Chromcraft

Company Name	Company Number	Client Project Manager/Contact	Purchase Order Number
Tetra Tech EM, Inc.	06379	Tetra Tech EM, Inc.	
Site Name	**Project Number**	☐ RUSH – Additional charges apply ☐ Special Detection Limits(s) Date Results Needed	**Method of Shipment** ☐ Fed Ex ☐ UPS ☐ USPS ☐ Courier ☑ Client Drop Off Other
Chromecraft	103X902701061		
LIMS Project ID	**Project Manager Phone #**	**Project Manager Email**	**Site/Facility ID #**
Tetra Tech - Chromcraft	Todd Taylor (687) 775-3104 615-992-5556	~~ttay~~ todd.Taylor@tetratech.com	

Date	Time	Sample ID	Matrix	Grab/ Comp	# of Cont	Container Type	Preservation	Analyses
12/20/16	15:15	V17122016 1515	Aqueous	G	1	Plastic - Pint	HNO3 - Nitric Acid	RCRA Metals/Cu/Na/Zn
12/20/16	15:15	V17122016 1515	Aqueous	G	1	Plastic - Pint	ZnAc+NaOH - Zinc Acetate+Sodium Hydroxide	Total & React Sulfide
12/20/16	15:35	V22122016 1535	Aqueous	G	~~1~~ 4	Plastic - Quart	NONE	TCLP Metals/TSS/TS/SS/SO4/pH/Alk/Acid
12/20/16	15:35	V22122016 1535	Aqueous	G	1	Plastic - Pint	NaOH - Sodium Hydroxide	CNA/CNT
12/20/16	15:35	V22122016 1535	Aqueous	G	1	Plastic - Pint	HNO3 - Nitric Acid	RCRA Metals/Cu/Na/Zn
12/20/16	15:35	V22122016 1535	Aqueous	G	1	Plastic - Pint	ZnAc+NaOH - Zinc Acetate+Sodium Hydroxide	Total & React Sulfide

For Laboratory Use Only			Sampled by (Name - Print)		Client Remarks/Comments	
Ice Y/N	Custody Seals Y/N	Lab Comments	Todd Taylor			
			Relinquished by: (SIGNATURE)	Date Time	Received by: (SIGNATURE)	Date Time
			Todd T	12/20/16		
Blank/Cooler Temp			Relinquished by: (SIGNATURE)	Date Time	Received by: (SIGNATURE)	Date Time
8.1°C TIO 8.8°C BS			Relinquished by: (SIGNATURE)	Date Time	Received by: (SIGNATURE)	Date Time
					S. Cook	12/20/16 1830

3/3

Report Nu	Sample Id	Project Na	Brand Nick	Lab Name	Lab Numbe	Matrix Typ	Sampled D	Received D	Prep date/
16-356-02(	V3112201(	Chromcraf	WTN	Waypoint /	95399	TCLP	########	########	
16-356-02(	V3112201(	Chromcraf	WTN	Waypoint /	95399	TCLP	########	########	
16-356-02(	V3112201(	Chromcraf	WTN	Waypoint /	95399	TCLP	########	########	
16-356-02(	V3112201(	Chromcraf	WTN	Waypoint /	95399	TCLP	########	########	
16-356-02(	V3112201(	Chromcraf	WTN	Waypoint /	95399	TCLP	########	########	
16-356-02(	V3112201(	Chromcraf	WTN	Waypoint /	95399	TCLP	########	########	
16-356-02(	V3112201(	Chromcraf	WTN	Waypoint /	95399	TCLP	########	########	
16-356-02(	V3112201(	Chromcraf	WTN	Waypoint /	95399	TCLP	########	########	
16-356-02(	V3112201(	Chromcraf	WTN	Waypoint /	95399	TCLP	########	########	
16-356-02(	V3112201(	Chromcraf	WTN	Waypoint /	95400	Aqueous	########	########	
16-356-02(	V3112201(	Chromcraf	WTN	Waypoint /	95400	Aqueous	########	########	
16-356-02(	V3112201(	Chromcraf	WTN	Waypoint /	95400	Aqueous	########	########	
16-356-02(	V3112201(	Chromcraf	WTN	Waypoint /	95400	Aqueous	########	########	
16-356-02(	V3112201(	Chromcraf	WTN	Waypoint /	95400	Aqueous	########	########	
16-356-02(	V3112201(	Chromcraf	WTN	Waypoint /	95400	Aqueous	########	########	
16-356-02(	V3112201(	Chromcraf	WTN	Waypoint /	95400	Aqueous	########	########	
16-356-02(	V3112201(	Chromcraf	WTN	Waypoint /	95400	Aqueous	########	########	
16-356-02(	V3112201(	Chromcraf	WTN	Waypoint /	95400	Aqueous	########	########	
16-356-02(	V3112201(	Chromcraf	WTN	Waypoint /	95400	Aqueous	########	########	
16-356-02(	V3112201(	Chromcraf	WTN	Waypoint /	95400	Aqueous	########	########	
16-356-02(	V3112201(	Chromcraf	WTN	Waypoint /	95400	Aqueous	########	########	
16-356-02(	V3112201(	Chromcraf	WTN	Waypoint /	95400	Aqueous	########	########	
16-356-02(	V3112201(	Chromcraf	WTN	Waypoint /	95400	Aqueous	########	########	
16-356-02(	V3112201(	Chromcraf	WTN	Waypoint /	95400	Aqueous	########	########	
16-356-02(	V3112201(	Chromcraf	WTN	Waypoint /	95400	Aqueous	########	########	
16-356-02(	V3112201(	Chromcraf	WTN	Waypoint /	95400	Aqueous	########	########	
16-356-02(	V3112201(	Chromcraf	WTN	Waypoint /	95400	Aqueous	########	########	
16-356-02(	V3112201(	Chromcraf	WTN	Waypoint /	95400	Aqueous	########	########	
16-356-02(	V3112201(	Chromcraf	WTN	Waypoint /	95400	Aqueous	########	########	
16-356-02(	V3112201(	Chromcraf	WTN	Waypoint /	95400	Aqueous	########	########	
16-356-02(	V3112201(	Chromcraf	WTN	Waypoint /	95400	Aqueous	########	########	
16-356-02(	V1312201(	Chromcraf	WTN	Waypoint /	95401	TCLP	########	########	
16-356-02(	V1312201(	Chromcraf	WTN	Waypoint /	95401	TCLP	########	########	
16-356-02(	V1312201(	Chromcraf	WTN	Waypoint /	95401	TCLP	########	########	
16-356-02(	V1312201(	Chromcraf	WTN	Waypoint /	95401	TCLP	########	########	
16-356-02(	V1312201(	Chromcraf	WTN	Waypoint /	95401	TCLP	########	########	
16-356-02(	V1312201(	Chromcraf	WTN	Waypoint /	95401	TCLP	########	########	
16-356-02(	V1312201(	Chromcraf	WTN	Waypoint /	95401	TCLP	########	########	
16-356-02(	V1312201(	Chromcraf	WTN	Waypoint /	95401	TCLP	########	########	
16-356-02(	V1312201(	Chromcraf	WTN	Waypoint /	95401	TCLP	########	########	
16-356-02(	V1312201(	Chromcraf	WTN	Waypoint /	95402	Aqueous	########	########	
16-356-02(	V1312201(	Chromcraf	WTN	Waypoint /	95402	Aqueous	########	########	
16-356-02(	V1312201(	Chromcraf	WTN	Waypoint /	95402	Aqueous	########	########	
16-356-02(	V1312201(	Chromcraf	WTN	Waypoint /	95402	Aqueous	########	########	
16-356-02(	V1312201(	Chromcraf	WTN	Waypoint /	95402	Aqueous	########	########	
16-356-02(	V1312201(	Chromcraf	WTN	Waypoint /	95402	Aqueous	########	########	

16-356-02	V1312201	Chromcraf WTN	Waypoint	95402	Aqueous	########	########
16-356-02	V1312201	Chromcraf WTN	Waypoint	95402	Aqueous	########	########
16-356-02	V1312201	Chromcraf WTN	Waypoint	95402	Aqueous	########	########
16-356-02	V1312201	Chromcraf WTN	Waypoint	95402	Aqueous	########	########
16-356-02	V1312201	Chromcraf WTN	Waypoint	95402	Aqueous	########	########
16-356-02	V1312201	Chromcraf WTN	Waypoint	95402	Aqueous	########	########
16-356-02	V1312201	Chromcraf WTN	Waypoint	95402	Aqueous	########	########
16-356-02	V1312201	Chromcraf WTN	Waypoint	95402	Aqueous	########	########
16-356-02	V1312201	Chromcraf WTN	Waypoint	95402	Aqueous	########	########
16-356-02	V1312201	Chromcraf WTN	Waypoint	95402	Aqueous	########	########
16-356-02	V1312201	Chromcraf WTN	Waypoint	95402	Aqueous	########	########
16-356-02	V1312201	Chromcraf WTN	Waypoint	95402	Aqueous	########	########
16-356-02	V1312201	Chromcraf WTN	Waypoint	95402	Aqueous	########	########
16-356-02	V1312201	Chromcraf WTN	Waypoint	95402	Aqueous	########	########
16-356-02	V1312201	Chromcraf WTN	Waypoint	95402	Aqueous	########	########
16-356-02	V1312201	Chromcraf WTN	Waypoint	95402	Aqueous	########	########
16-356-02	V1612201	Chromcraf WTN	Waypoint	95403	TCLP	########	########
16-356-02	V1612201	Chromcraf WTN	Waypoint	95403	TCLP	########	########
16-356-02	V1612201	Chromcraf WTN	Waypoint	95403	TCLP	########	########
16-356-02	V1612201	Chromcraf WTN	Waypoint	95403	TCLP	########	########
16-356-02	V1612201	Chromcraf WTN	Waypoint	95403	TCLP	########	########
16-356-02	V1612201	Chromcraf WTN	Waypoint	95403	TCLP	########	########
16-356-02	V1612201	Chromcraf WTN	Waypoint	95403	TCLP	########	########
16-356-02	V1612201	Chromcraf WTN	Waypoint	95403	TCLP	########	########
16-356-02	V1612201	Chromcraf WTN	Waypoint	95403	TCLP	########	########
16-356-02	V1612201	Chromcraf WTN	Waypoint	95404	Aqueous	########	########
16-356-02	V1612201	Chromcraf WTN	Waypoint	95404	Aqueous	########	########
16-356-02	V1612201	Chromcraf WTN	Waypoint	95404	Aqueous	########	########
16-356-02	V1612201	Chromcraf WTN	Waypoint	95404	Aqueous	########	########
16-356-02	V1612201	Chromcraf WTN	Waypoint	95404	Aqueous	########	########
16-356-02	V1612201	Chromcraf WTN	Waypoint	95404	Aqueous	########	########
16-356-02	V1612201	Chromcraf WTN	Waypoint	95404	Aqueous	########	########
16-356-02	V1612201	Chromcraf WTN	Waypoint	95404	Aqueous	########	########
16-356-02	V1612201	Chromcraf WTN	Waypoint	95404	Aqueous	########	########
16-356-02	V1612201	Chromcraf WTN	Waypoint	95404	Aqueous	########	########
16-356-02	V1612201	Chromcraf WTN	Waypoint	95404	Aqueous	########	########
16-356-02	V1612201	Chromcraf WTN	Waypoint	95404	Aqueous	########	########
16-356-02	V1612201	Chromcraf WTN	Waypoint	95404	Aqueous	########	########
16-356-02	V1612201	Chromcraf WTN	Waypoint	95404	Aqueous	########	########
16-356-02	V1612201	Chromcraf WTN	Waypoint	95404	Aqueous	########	########
16-356-02	V1612201	Chromcraf WTN	Waypoint	95404	Aqueous	########	########
16-356-02	V1612201	Chromcraf WTN	Waypoint	95404	Aqueous	########	########
16-356-02	V1612201	Chromcraf WTN	Waypoint	95404	Aqueous	########	########
16-356-02	V1612201	Chromcraf WTN	Waypoint	95404	Aqueous	########	########
16-356-02	V1612201	Chromcraf WTN	Waypoint	95404	Aqueous	########	########
16-356-02	V1612201	Chromcraf WTN	Waypoint	95404	Aqueous	########	########
16-356-02	V1612201	Chromcraf WTN	Waypoint	95404	Aqueous	########	########

16-356-02	V1712201	Chromcraf WTN	Waypoint	95405	TCLP	########	########
16-356-02	V1712201	Chromcraf WTN	Waypoint	95405	TCLP	########	########
16-356-02	V1712201	Chromcraf WTN	Waypoint	95405	TCLP	########	########
16-356-02	V1712201	Chromcraf WTN	Waypoint	95405	TCLP	########	########
16-356-02	V1712201	Chromcraf WTN	Waypoint	95405	TCLP	########	########
16-356-02	V1712201	Chromcraf WTN	Waypoint	95405	TCLP	########	########
16-356-02	V1712201	Chromcraf WTN	Waypoint	95405	TCLP	########	########
16-356-02	V1712201	Chromcraf WTN	Waypoint	95405	TCLP	########	########
16-356-02	V1712201	Chromcraf WTN	Waypoint	95405	TCLP	########	########
16-356-02	V1712201	Chromcraf WTN	Waypoint	95406	Aqueous	########	########
16-356-02	V1712201	Chromcraf WTN	Waypoint	95406	Aqueous	########	########
16-356-02	V1712201	Chromcraf WTN	Waypoint	95406	Aqueous	########	########
16-356-02	V1712201	Chromcraf WTN	Waypoint	95406	Aqueous	########	########
16-356-02	V1712201	Chromcraf WTN	Waypoint	95406	Aqueous	########	########
16-356-02	V1712201	Chromcraf WTN	Waypoint	95406	Aqueous	########	########
16-356-02	V1712201	Chromcraf WTN	Waypoint	95406	Aqueous	########	########
16-356-02	V1712201	Chromcraf WTN	Waypoint	95406	Aqueous	########	########
16-356-02	V1712201	Chromcraf WTN	Waypoint	95406	Aqueous	########	########
16-356-02	V1712201	Chromcraf WTN	Waypoint	95406	Aqueous	########	########
16-356-02	V1712201	Chromcraf WTN	Waypoint	95406	Aqueous	########	########
16-356-02	V1712201	Chromcraf WTN	Waypoint	95406	Aqueous	########	########
16-356-02	V1712201	Chromcraf WTN	Waypoint	95406	Aqueous	########	########
16-356-02	V1712201	Chromcraf WTN	Waypoint	95406	Aqueous	########	########
16-356-02	V1712201	Chromcraf WTN	Waypoint	95406	Aqueous	########	########
16-356-02	V1712201	Chromcraf WTN	Waypoint	95406	Aqueous	########	########
16-356-02	V1712201	Chromcraf WTN	Waypoint	95406	Aqueous	########	########
16-356-02	V1712201	Chromcraf WTN	Waypoint	95406	Aqueous	########	########
16-356-02	V1712201	Chromcraf WTN	Waypoint	95406	Aqueous	########	########
16-356-02	V1712201	Chromcraf WTN	Waypoint	95406	Aqueous	########	########
16-356-02	V1712201	Chromcraf WTN	Waypoint	95406	Aqueous	########	########
16-356-02	V1712201	Chromcraf WTN	Waypoint	95406	Aqueous	########	########
16-356-02	V2212201	Chromcraf WTN	Waypoint	95407	TCLP	########	########
16-356-02	V2212201	Chromcraf WTN	Waypoint	95407	TCLP	########	########
16-356-02	V2212201	Chromcraf WTN	Waypoint	95407	TCLP	########	########
16-356-02	V2212201	Chromcraf WTN	Waypoint	95407	TCLP	########	########
16-356-02	V2212201	Chromcraf WTN	Waypoint	95407	TCLP	########	########
16-356-02	V2212201	Chromcraf WTN	Waypoint	95407	TCLP	########	########
16-356-02	V2212201	Chromcraf WTN	Waypoint	95407	TCLP	########	########
16-356-02	V2212201	Chromcraf WTN	Waypoint	95407	TCLP	########	########
16-356-02	V2212201	Chromcraf WTN	Waypoint	95407	TCLP	########	########
16-356-02	V2212201	Chromcraf WTN	Waypoint	95408	Aqueous	########	########
16-356-02	V2212201	Chromcraf WTN	Waypoint	95408	Aqueous	########	########
16-356-02	V2212201	Chromcraf WTN	Waypoint	95408	Aqueous	########	########
16-356-02	V2212201	Chromcraf WTN	Waypoint	95408	Aqueous	########	########
16-356-02	V2212201	Chromcraf WTN	Waypoint	95408	Aqueous	########	########
16-356-02	V2212201	Chromcraf WTN	Waypoint	95408	Aqueous	########	########
16-356-02	V2212201	Chromcraf WTN	Waypoint	95408	Aqueous	########	########

16-356-02(	V2212201(	Chromcraf WTN	Waypoint /	95408	Aqueous	########	########
16-356-02(	V2212201(	Chromcraf WTN	Waypoint /	95408	Aqueous	########	########
16-356-02(	V2212201(	Chromcraf WTN	Waypoint /	95408	Aqueous	########	########
16-356-02(	V2212201(	Chromcraf WTN	Waypoint /	95408	Aqueous	########	########
16-356-02(	V2212201(	Chromcraf WTN	Waypoint /	95408	Aqueous	########	########
16-356-02(	V2212201(	Chromcraf WTN	Waypoint /	95408	Aqueous	########	########
16-356-02(	V2212201(	Chromcraf WTN	Waypoint /	95408	Aqueous	########	########
16-356-02(	V2212201(	Chromcraf WTN	Waypoint /	95408	Aqueous	########	########
16-356-02(	V2212201(	Chromcraf WTN	Waypoint /	95408	Aqueous	########	########
16-356-02(	V2212201(	Chromcraf WTN	Waypoint /	95408	Aqueous	########	########
16-356-02(	V2212201(	Chromcraf WTN	Waypoint /	95408	Aqueous	########	########
16-356-02(	V2212201(	Chromcraf WTN	Waypoint /	95408	Aqueous	########	########
16-356-02(	V2212201(	Chromcraf WTN	Waypoint /	95408	Aqueous	########	########
16-356-02(	V2212201(	Chromcraf WTN	Waypoint /	95408	Aqueous	########	########
16-356-02(	V2212201(	Chromcraf WTN	Waypoint /	95408	Aqueous	########	########

DateTime	CAS Numb	Analyte De	Result	Unit of Me	Qualifier	Dilution Fa	Quantitatio	Method
########	7440-38-2	TCLP Arser	15.3	mg/L		100	12.5	SW-6010C (TCLP)
########	7440-39-3	TCLP Bariu	<12.5	mg/L		100	12.5	SW-6010C (TCLP)
########	7440-43-9	TCLP Cadm	<2.50	mg/L		100	2.5	SW-6010C (TCLP)
########	7440-47-3	TCLP Chror	149000	mg/L		1000	50	SW-6010C (TCLP)
########	7439-92-1	TCLP Lead	42.7	mg/L		100	5	SW-6010C (TCLP)
########	7439-97-6	TCLP Merc	0.296	mg/L		10	0.2	SW-7470A (TCLP)
########		TCLP Meta	Filtrate			1		SW-1311
########	7782-49-2	TCLP Selen	<25.0	mg/L		100	25	SW-6010C (TCLP)
########	7440-22-4	TCLP Silver	<2.50	mg/L		100	2.5	SW-6010C (TCLP)
########		Acidity (as	325000	mg/L		1	100	SM-2310B
########	Alkalinity	Alkalinity (	<100	mg/L		1	100	SM-2320 B
########	57-12-5	Cyanide Ar	12.4	mg/L		1000	10	SM-4500CNG
########	57-12-5	Cyanide Tc	15.5	mg/L		1000	10	SM-4500CNE
########	7439-97-6	Mercury (T	0.605	mg/L		500	0.1	EPA-245.1
########	PHLAB	pH	0.6	s.u.				SM-4500H+B
########	14808-79-8	Sulfate	3780	mg/L		100	100	EPA-300.0
########		Sulfide	<25.0	mg/L		25	25	SM-4500S2G
########		Sulfide (Re	<25.0	mg/L			25	SW-7.3.4
########	7440-38-2	Total Arser	16.2	mg/L		100	5	EPA-200.7
########	7440-39-3	Total Bariu	7.95	mg/L		100	5	EPA-200.7
########	7440-43-9	Total Cadm	<1.00	mg/L		100	1	EPA-200.7
########	7440-47-3	Total Chror	152000	mg/L		1000	25	EPA-200.7
########	7440-50-8	Total Copp	1400	mg/L		100	2.5	EPA-200.7
########	7439-92-1	Total Lead	42.3	mg/L		100	3	EPA-200.7
########	7782-49-2	Total Seler	<5.00	mg/L		100	5	EPA-200.7
########		Total Settle	<0.1	mL/L		1	0.1	SM-2540F
########	7440-22-4	Total Silver	<2.50	mg/L		100	2.5	EPA-200.7
########	7440-23-5	Total Sodiu	2020	mg/L		100	250	EPA-200.7
########		Total Solid	336000	mg/L		1	47	SM-2540B
########		Total Suspe	24	mg/L		1	2	SM-2540D
########	7440-66-6	Total Zinc	<5.00	mg/L		100	5	EPA-200.7
########	7440-38-2	TCLP Arser	<12.5	mg/L		100	12.5	SW-6010C (TCLP)
########	7440-39-3	TCLP Bariu	<12.5	mg/L		100	12.5	SW-6010C (TCLP)
########	7440-43-9	TCLP Cadm	<2.50	mg/L		100	2.5	SW-6010C (TCLP)
########	7440-47-3	TCLP Chror	113	mg/L		100	5	SW-6010C (TCLP)
########	7439-92-1	TCLP Lead	<5.00	mg/L		100	5	SW-6010C (TCLP)
########	7439-97-6	TCLP Merc	<0.0200	mg/L		1	0.02	SW-7470A (TCLP)
########		TCLP Meta	Filtrate			1		SW-1311
########	7782-49-2	TCLP Selen	<25.0	mg/L		100	25	SW-6010C (TCLP)
########	7440-22-4	TCLP Silver	<2.50	mg/L		100	2.5	SW-6010C (TCLP)
########		Acidity (as	140000	mg/L		1	100	SM-2310B
########	Alkalinity	Alkalinity (	<100	mg/L		1	100	SM-2320 B
########	57-12-5	Cyanide Ar	<10.0	mg/L		1000	10	SM-4500CNG
########	57-12-5	Cyanide Tc	<10.0	mg/L		1000	10	SM-4500CNE
########	7439-97-6	Mercury (T	<0.00020	mg/L		1	0.0002	EPA-245.1
########	PHLAB	pH	0.6	s.u.				SM-4500H+B

########	14808-79-8	Sulfate	293000	mg/L	10000	10000	EPA-300.0
########		Sulfide	<25.0	mg/L	25	25	SM-4500S2G
########		Sulfide (Re	<25.0	mg/L		25	SW-7.3.4
########	7440-38-2	Total Arser	<5.00	mg/L	100	5	EPA-200.7
########	7440-39-3	Total Bariu	<5.00	mg/L	100	5	EPA-200.7
########	7440-43-9	Total Cadn	<1.00	mg/L	100	1	EPA-200.7
########	7440-47-3	Total Chro	85.3	mg/L	100	2.5	EPA-200.7
########	7440-50-8	Total Copp	43.7	mg/L	100	2.5	EPA-200.7
########	7439-92-1	Total Lead	<3.00	mg/L	100	3	EPA-200.7
########	7782-49-2	Total Seler	<5.00	mg/L	100	5	EPA-200.7
########		Total Settle	38.7	mL/L	1	0.1	SM-2540F
########	7440-22-4	Total Silver	<2.50	mg/L	100	2.5	EPA-200.7
########	7440-23-5	Total Sodiu	52700	mg/L	100	250	EPA-200.7
########		Total Solid	309000	mg/L	1	38	SM-2540B
########		Total Suspe	41	mg/L	1	2	SM-2540D
########	7440-66-6	Total Zinc	<5.00	mg/L	100	5	EPA-200.7
########	7440-38-2	TCLP Arser	<12.5	mg/L	100	12.5	SW-6010C (TCLP)
########	7440-39-3	TCLP Bariu	<12.5	mg/L	100	12.5	SW-6010C (TCLP)
########	7440-43-9	TCLP Cadn	<2.50	mg/L	100	2.5	SW-6010C (TCLP)
########	7440-47-3	TCLP Chro	<5.00	mg/L	100	5	SW-6010C (TCLP)
########	7439-92-1	TCLP Lead	<5.00	mg/L	100	5	SW-6010C (TCLP)
########	7439-97-6	TCLP Merc	<0.0200	mg/L	1	0.02	SW-7470A (TCLP)
########		TCLP Meta	Filtrate		1		SW-1311
########	7782-49-2	TCLP Selen	<25.0	mg/L	100	25	SW-6010C (TCLP)
########	7440-22-4	TCLP Silver	<2.50	mg/L	100	2.5	SW-6010C (TCLP)
########		Acidity (as	22000	mg/L	1	100	SM-2310B
########	Alkalinity	Alkalinity (	<100	mg/L	1	100	SM-2320 B
########	57-12-5	Cyanide Ar	<10.0	mg/L	1000	10	SM-4500CNG
########	57-12-5	Cyanide Tc	<10.0	mg/L	1000	10	SM-4500CNE
########	7439-97-6	Mercury (T	<0.00200	mg/L	10	0.002	EPA-245.1
########	PHLAB	pH	3.1	s.u.			SM-4500H+B
########	14808-79-8	Sulfate	59300	mg/L	1000	1000	EPA-300.0
########		Sulfide	<25.0	mg/L	25	25	SM-4500S2G
########		Sulfide (Re	<25.0	mg/L		25	SW-7.3.4
########	7440-38-2	Total Arser	<5.00	mg/L	100	5	EPA-200.7
########	7440-39-3	Total Bariu	<5.00	mg/L	100	5	EPA-200.7
########	7440-43-9	Total Cadn	<1.00	mg/L	100	1	EPA-200.7
########	7440-47-3	Total Chro	<2.50	mg/L	100	2.5	EPA-200.7
########	7440-50-8	Total Copp	<2.50	mg/L	100	2.5	EPA-200.7
########	7439-92-1	Total Lead	<3.00	mg/L	100	3	EPA-200.7
########	7782-49-2	Total Seler	<5.00	mg/L	100	5	EPA-200.7
########		Total Settle	<0.1	mL/L	1	0.1	SM-2540F
########	7440-22-4	Total Silver	<2.50	mg/L	100	2.5	EPA-200.7
########	7440-23-5	Total Sodiu	14300	mg/L	100	250	EPA-200.7
########		Total Solid	133000	mg/L	1	40	SM-2540B
########		Total Suspe	28	mg/L	1	2	SM-2540D
########	7440-66-6	Total Zinc	<5.00	mg/L	100	5	EPA-200.7

########	7440-38-2	TCLP Arser	<12.5	mg/L	100	12.5	SW-6010C (TCLP)
########	7440-39-3	TCLP Bariu	<12.5	mg/L	100	12.5	SW-6010C (TCLP)
########	7440-43-9	TCLP Cadm	14.3	mg/L	100	2.5	SW-6010C (TCLP)
########	7440-47-3	TCLP Chror	<5.00	mg/L	100	5	SW-6010C (TCLP)
########	7439-92-1	TCLP Lead	<5.00	mg/L	100	5	SW-6010C (TCLP)
########	7439-97-6	TCLP Merc	<0.0200	mg/L	1	0.02	SW-7470A (TCLP)
########		TCLP Meta	Filtrate		1		SW-1311
########	7782-49-2	TCLP Selen	<25.0	mg/L	100	25	SW-6010C (TCLP)
########	7440-22-4	TCLP Silver	<2.50	mg/L	100	2.5	SW-6010C (TCLP)
########		Acidity (as	52000	mg/L	1	100	SM-2310B
########	Alkalinity	Alkalinity (	700	mg/L	1	100	SM-2320 B
########	57-12-5	Cyanide Ar	<10.0	mg/L	1000	10	SM-4500CNG
########	57-12-5	Cyanide Tc	<10.0	mg/L	1000	10	SM-4500CNE
########	7439-97-6	Mercury (T	<0.00200	mg/L	10	0.002	EPA-245.1
########	PHLAB	pH	4.5	s.u.			SM-4500H+B
########	14808-79-8	Sulfate	146000	mg/L	10000	10000	EPA-300.0
########		Sulfide	<25.0	mg/L	25	25	SM-4500S2G
########		Sulfide (Re	<25.0	mg/L		25	SW-7.3.4
########	7440-38-2	Total Arser	5.15	mg/L	100	5	EPA-200.7
########	7440-39-3	Total Bariu	<5.00	mg/L	100	5	EPA-200.7
########	7440-43-9	Total Cadm	15.1	mg/L	100	1	EPA-200.7
########	7440-47-3	Total Chro	<2.50	mg/L	100	2.5	EPA-200.7
########	7440-50-8	Total Copp	208	mg/L	100	2.5	EPA-200.7
########	7439-92-1	Total Lead	<3.00	mg/L	100	3	EPA-200.7
########	7782-49-2	Total Seler	<5.00	mg/L	100	5	EPA-200.7
########		Total Settle	1.4	mL/L	1	0.1	SM-2540F
########	7440-22-4	Total Silve	<2.50	mg/L	100	2.5	EPA-200.7
########	7440-23-5	Total Sodiu	28000	mg/L	100	250	EPA-200.7
########		Total Solid	447000	mg/L	1	45	SM-2540B
########		Total Susp	141	mg/L	1	2	SM-2540D
########	7440-66-6	Total Zinc	<5.00	mg/L	100	5	EPA-200.7
########	7440-38-2	TCLP Arser	<125	mg/L	100	125	SW-6010C (TCLP)
########	7440-39-3	TCLP Bariu	<125	mg/L	100	125	SW-6010C (TCLP)
########	7440-43-9	TCLP Cadm	<25.0	mg/L	100	25	SW-6010C (TCLP)
########	7440-47-3	TCLP Chror	<50.0	mg/L	100	50	SW-6010C (TCLP)
########	7439-92-1	TCLP Lead	<50.0	mg/L	100	50	SW-6010C (TCLP)
########	7439-97-6	TCLP Merc	<0.0200	mg/L	1	0.02	SW-7470A (TCLP)
########		TCLP Meta	Filtrate		1		SW-1311
########	7782-49-2	TCLP Selen	<250	mg/L	100	250	SW-6010C (TCLP)
########	7440-22-4	TCLP Silver	<25.0	mg/L	100	25	SW-6010C (TCLP)
########		Acidity (as	<100	mg/L	1	100	SM-2310B
########	Alkalinity	Alkalinity (	106000	mg/L	1	100	SM-2320 B
########	57-12-5	Cyanide Ar	180000	mg/L	25000	250	SM-4500CNG
########	57-12-5	Cyanide Tc	182000	mg/L	500000	5000	SM-4500CNE
########	7439-97-6	Mercury (T	0.011	mg/L	1	0.01	EPA-245.1
########	PHLAB	pH	9.6	s.u.			SM-4500H+B
########	14808-79-8	Sulfate	5060	mg/L	100	100	EPA-300.0

########		Sulfide	<25.0	mg/L	25	25	SM-4500S2G
########		Sulfide (Re	<25.0	mg/L		25	SW-7.3.4
########	7440-38-2	Total Arser	<50.0	mg/L	100	50	EPA-200.7
########	7440-39-3	Total Bariu	<50.0	mg/L	100	50	EPA-200.7
########	7440-43-9	Total Cadn	<10.0	mg/L	100	10	EPA-200.7
########	7440-47-3	Total Chro	34.5	mg/L	100	25	EPA-200.7
########	7440-50-8	Total Copp	59100	mg/L	100	25	EPA-200.7
########	7439-92-1	Total Lead	<30.0	mg/L	100	30	EPA-200.7
########	7782-49-2	Total Seler	<50.0	mg/L	100	50	EPA-200.7
########		Total Settle	13.1	mL/L	1	0.1	SM-2540F
########	7440-22-4	Total Silver	<25.0	mg/L	100	25	EPA-200.7
########	7440-23-5	Total Sodiu	82600	mg/L	100	2500	EPA-200.7
########		Total Solid	364000	mg/L	1	31	SM-2540B
########		Total Suspe	589	mg/L	1	2	SM-2540D
########	7440-66-6	Total Zinc	2680	mg/L	100	50	EPA-200.7

Waypoint ANALYTICAL

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

1/13/2017

Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth, GA, 30096

Ref: Analytical Testing
Lab Report Number: 16-356-0250
Client Project Description: Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061
Project Number: 103X902701058

Dear Mr. Todd Taylor:
Waypoint Analytical, Inc. received sample(s) on 12/21/2016 for the analyses presented in the following report.

The above referenced project has been analyzed per your instructions. The analyses were performed in accordance with the applicable analytical method.

The analytical data has been validated using standard quality control measures performed as required by the analytical method. Quality Assurance, method validations, instrumentation maintenance and calibration for all parameters (NELAP and non-NELAP) were performed in accordance with guidelines established by the USEPA (including 40 CFR 136 Method Update Rule May 2012) and NELAC unless otherwise indicated. Any parameter for which the laboratory is not officially NELAP accredited is indicated by a '~' symbol. These are not included in the scope because NELAP accreditation is either not available or has not been applied for. Additional certifications may be held/are available for parameters, where NELAP accreditation is not required or applicable. A full list of certifications is available upon request.

Certain parameters (chlorine, pH, dissolved oxygen, sulfite...) are required to be analyzed within 15 minutes of sampling. Usually, but not always, any field parameter analyzed at the laboratory is outside of this holding time. Refer to sample analysis time for confirmation of holding time compliance.

The results are shown on the attached Report of Analysis(s). Results for solid matrices are reported on an as-received basis unless otherwise indicated. This report shall not be reproduced except in full and relates only to the samples included in this report.

Please do not hesitate to contact me or client services if you have any questions or need additional information.

Sincerely,

Randell H. Thomas

Randy Thomas
Project Manager

Laboratory's liability in any claim relating to analyses performed shall be limited to, at laboratory's option, repeating the analysis in question at laboratory's expense, or the refund of the charges paid for performance of said analysis.

Alabama	#40750	Louisiana	#04015	VA NELAP	#460181	Texas	#T104704180-11-6	Arkansas	#88-0650
Mississippi		California	#2904	NC	#415	Oklahoma	#9311	Virginia	#00106
Kentucky	#90047	Tennessee	#TN02027	EPA	#TN00012	Kentucky UST	#41		

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Non-Compliance Login Summary Report

Incident Date: 12-21-2016 10:36 am
Report number: 16-356-0250 Lab Number(s): L95415, L95417, L95419, L95421, L95423
Customer number: 06379
Customer Name: Tetra Tech EM, Inc.
Contact Name: Tetra Tech EM, Inc.
Project ID: Tetra Tech - Chromcraft

This Non-Compliance Report has been generated because proper EPA protocol was not followed for the above referenced sample(s). This means that the data generated from the analysis of this project may not be suitable for Regulatory compliance.

This report should be included with any data submitted to a Regulatory Agency. The actual problems encountered are listed below.

Description of Login Non-Compliance

☑ **Sample Temperature Non-compliant**
Cooler Temperature: 7.7,8.4,7.9 degrees Celsius
Required Temperature: < 6 degrees Celsius

☐ **Sample Received in Improper Container**
Analysis:
Received Container:
Required Container:

☐ **Sample Improperly Preserved**
Analysis:
Received Preservative:
Required Preservative:

☐ **Sample Received Outside Holding Time** Date Received: 12-21-2016 00:00
Analysis:
Sampled Date and Time:
Required Holding Time:

Other:

Corrective Action

Client Notified: ● Yes ○ No Date Client Notified: 12/21/16 Contact Name: Todd Taylor
Client Directive:

Approval to analyze per Todd Taylor

Initiated By: Danyale Love Project manager: Randall Thomas QAO: Richard Medina

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Sample Summary Table

Report Number: **16-356-0250**

Client Project Description: **Chromcraft**
1 Quality Dr., Senatobia, MS
Project #103902701061

Lab No	Client Sample ID	Matrix	Date Collected	Date Received	Method	Lab ID
95414	V11220160910	Solid	12/20/2016 09:10	12/21/2016	6010C	WTN
95414	V11220160910	Solid	12/20/2016 09:10	12/21/2016	7470A	WTN
95414	V11220160910	Solid	12/20/2016 09:10	12/21/2016	SW-1311	WTN
95415	V11220160910	Aqueous	12/20/2016 09:10	12/21/2016	2310B-2011	WTN
95415	V11220160910	Aqueous	12/20/2016 09:10	12/21/2016	2320B-2011	WTN
95415	V11220160910	Aqueous	12/20/2016 09:10	12/21/2016	2540B-2011	WTN
95415	V11220160910	Aqueous	12/20/2016 09:10	12/21/2016	2540D-2011	WTN
95415	V11220160910	Aqueous	12/20/2016 09:10	12/21/2016	2540F-2011	WTN
95415	V11220160910	Aqueous	12/20/2016 09:10	12/21/2016	4500CNE-2011	WTN
95415	V11220160910	Aqueous	12/20/2016 09:10	12/21/2016	4500CNG-2011	WTN
95415	V11220160910	Aqueous	12/20/2016 09:10	12/21/2016	4500H+B-2011	WTN
95415	V11220160910	Aqueous	12/20/2016 09:10	12/21/2016	4500S2G-2011	WTN
95415	V11220160910	Aqueous	12/20/2016 09:10	12/21/2016	EPA-200.7	WTN
95415	V11220160910	Aqueous	12/20/2016 09:10	12/21/2016	EPA-245.1	WTN
95415	V11220160910	Aqueous	12/20/2016 09:10	12/21/2016	EPA-300.0	WTN
95415	V11220160910	Aqueous	12/20/2016 09:10	12/21/2016	SW-7.3.4	WTN
95416	V21220160930	Solid	12/20/2016 09:30	12/21/2016	6010C	WTN
95416	V21220160930	Solid	12/20/2016 09:30	12/21/2016	7470A	WTN
95416	V21220160930	Solid	12/20/2016 09:30	12/21/2016	SW-1311	WTN
95417	V21220160930	Aqueous	12/20/2016 09:30	12/21/2016	2310B-2011	WTN
95417	V21220160930	Aqueous	12/20/2016 09:30	12/21/2016	2320B-2011	WTN
95417	V21220160930	Aqueous	12/20/2016 09:30	12/21/2016	2540B-2011	WTN
95417	V21220160930	Aqueous	12/20/2016 09:30	12/21/2016	2540D-2011	WTN
95417	V21220160930	Aqueous	12/20/2016 09:30	12/21/2016	2540F-2011	WTN
95417	V21220160930	Aqueous	12/20/2016 09:30	12/21/2016	4500CNE-2011	WTN
95417	V21220160930	Aqueous	12/20/2016 09:30	12/21/2016	4500CNG-2011	WTN

WTN: Waypoint Analytical, Inc.

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Sample Summary Table

Report Number: **16-356-0250**

Client Project Description: **Chromcraft**
1 Quality Dr., Senatobia, MS
Project #103902701061

Lab No	Client Sample ID	Matrix	Date Collected	Date Received	Method	Lab ID
95417	V21220160930	Aqueous	12/20/2016 09:30	12/21/2016	4500H+B-2011	WTN
95417	V21220160930	Aqueous	12/20/2016 09:30	12/21/2016	4500S2G-2011	WTN
95417	V21220160930	Aqueous	12/20/2016 09:30	12/21/2016	EPA-200.7	WTN
95417	V21220160930	Aqueous	12/20/2016 09:30	12/21/2016	EPA-245.1	WTN
95417	V21220160930	Aqueous	12/20/2016 09:30	12/21/2016	EPA-300.0	WTN
95417	V21220160930	Aqueous	12/20/2016 09:30	12/21/2016	SW-7.3.4	WTN
95418	V31220161025	Solid	12/20/2016 10:25	12/21/2016	6010C	WTN
95418	V31220161025	Solid	12/20/2016 10:25	12/21/2016	7470A	WTN
95418	V31220161025	Solid	12/20/2016 10:25	12/21/2016	SW-1311	WTN
95419	V31220161025	Aqueous	12/20/2016 10:25	12/21/2016	2310B-2011	WTN
95419	V31220161025	Aqueous	12/20/2016 10:25	12/21/2016	2320B-2011	WTN
95419	V31220161025	Aqueous	12/20/2016 10:25	12/21/2016	2540B-2011	WTN
95419	V31220161025	Aqueous	12/20/2016 10:25	12/21/2016	2540D-2011	WTN
95419	V31220161025	Aqueous	12/20/2016 10:25	12/21/2016	2540F-2011	WTN
95419	V31220161025	Aqueous	12/20/2016 10:25	12/21/2016	4500CNE-2011	WTN
95419	V31220161025	Aqueous	12/20/2016 10:25	12/21/2016	4500CNG-2011	WTN
95419	V31220161025	Aqueous	12/20/2016 10:25	12/21/2016	4500H+B-2011	WTN
95419	V31220161025	Aqueous	12/20/2016 10:25	12/21/2016	4500S2G-2011	WTN
95419	V31220161025	Aqueous	12/20/2016 10:25	12/21/2016	EPA-200.7	WTN
95419	V31220161025	Aqueous	12/20/2016 10:25	12/21/2016	EPA-245.1	WTN
95419	V31220161025	Aqueous	12/20/2016 10:25	12/21/2016	EPA-300.0	WTN
95419	V31220161025	Aqueous	12/20/2016 10:25	12/21/2016	SW-7.3.4	WTN
95420	V41220161040	Solid	12/20/2016 10:40	12/21/2016	6010C	WTN
95420	V41220161040	Solid	12/20/2016 10:40	12/21/2016	7470A	WTN
95420	V41220161040	Solid	12/20/2016 10:40	12/21/2016	SW-1311	WTN
95421	V41220161040	Aqueous	12/20/2016 10:40	12/21/2016	2310B-2011	WTN

WTN: Waypoint Analytical, Inc.

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Sample Summary Table

Report Number: **16-356-0250**

Client Project Description: **Chromcraft**
1 Quality Dr., Senatobia, MS
Project #103902701061

Lab No	Client Sample ID	Matrix	Date Collected	Date Received	Method	Lab ID
95421	V41220161040	Aqueous	12/20/2016 10:40	12/21/2016	2320B-2011	WTN
95421	V41220161040	Aqueous	12/20/2016 10:40	12/21/2016	2540B-2011	WTN
95421	V41220161040	Aqueous	12/20/2016 10:40	12/21/2016	2540D-2011	WTN
95421	V41220161040	Aqueous	12/20/2016 10:40	12/21/2016	2540F-2011	WTN
95421	V41220161040	Aqueous	12/20/2016 10:40	12/21/2016	4500CNE-2011	WTN
95421	V41220161040	Aqueous	12/20/2016 10:40	12/21/2016	4500CNG-2011	WTN
95421	V41220161040	Aqueous	12/20/2016 10:40	12/21/2016	4500H+B-2011	WTN
95421	V41220161040	Aqueous	12/20/2016 10:40	12/21/2016	4500S2G-2011	WTN
95421	V41220161040	Aqueous	12/20/2016 10:40	12/21/2016	EPA-200.7	WTN
95421	V41220161040	Aqueous	12/20/2016 10:40	12/21/2016	EPA-245.1	WTN
95421	V41220161040	Aqueous	12/20/2016 10:40	12/21/2016	EPA-300.0	WTN
95421	V41220161040	Aqueous	12/20/2016 10:40	12/21/2016	SW-7.3.4	WTN
95422	V81220161115	Solid	12/20/2016 11:15	12/21/2016	6010C	WTN
95422	V81220161115	Solid	12/20/2016 11:15	12/21/2016	7470A	WTN
95422	V81220161115	Solid	12/20/2016 11:15	12/21/2016	SW-1311	WTN
95423	V81220161115	Aqueous	12/20/2016 11:15	12/21/2016	2310B-2011	WTN
95423	V81220161115	Aqueous	12/20/2016 11:15	12/21/2016	2320B-2011	WTN
95423	V81220161115	Aqueous	12/20/2016 11:15	12/21/2016	2540B-2011	WTN
95423	V81220161115	Aqueous	12/20/2016 11:15	12/21/2016	2540D-2011	WTN
95423	V81220161115	Aqueous	12/20/2016 11:15	12/21/2016	2540F-2011	WTN
95423	V81220161115	Aqueous	12/20/2016 11:15	12/21/2016	4500CNE-2011	WTN
95423	V81220161115	Aqueous	12/20/2016 11:15	12/21/2016	4500CNG-2011	WTN
95423	V81220161115	Aqueous	12/20/2016 11:15	12/21/2016	4500H+B-2011	WTN
95423	V81220161115	Aqueous	12/20/2016 11:15	12/21/2016	4500S2G-2011	WTN
95423	V81220161115	Aqueous	12/20/2016 11:15	12/21/2016	EPA-200.7	WTN
95423	V81220161115	Aqueous	12/20/2016 11:15	12/21/2016	EPA-245.1	WTN

WTN: Waypoint Analytical, Inc.

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Sample Summary Table

Report Number: **16-356-0250**

Client Project Description: **Chromcraft**
1 Quality Dr., Senatobia, MS
Project #103902701061

Lab No	Client Sample ID	Matrix	Date Collected	Date Received	Method	Lab ID
95423	V81220161115	Aqueous	12/20/2016 11:15	12/21/2016	EPA-300.0	WTN
95423	V81220161115	Aqueous	12/20/2016 11:15	12/21/2016	SW-7.3.4	WTN

WTN: Waypoint Analytical, Inc.

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 01/13/2017
Received : 12/21/2016

Randell H. Thomas
Randy Thomas
Project Manager

Report Number : **16-356-0250**

REPORT OF ANALYSIS

Lab No : **95414**
Sample ID : **V11220160910**

Matrix: **Solid**
Sampled: **12/20/2016 9:10**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
TCLP Metals Extraction	**Filtrate**			1	01/03/17 14:07	SAJ	SW-1311

Analytical Method: 6010C **Prep Batch(es):** **L316754** 01/04/17 08:25
Prep Method: 3005A

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Arsenic	<12.5	mg/L	12.5	100	01/12/17 23:19	JTR	L317836
TCLP Barium	<12.5	mg/L	12.5	100	01/12/17 23:19	JTR	L317836
TCLP Cadmium	<2.50	mg/L	2.50	100	01/12/17 23:19	JTR	L317836
TCLP Chromium	**532**	mg/L	5.00	100	01/12/17 23:19	JTR	L317836
TCLP Lead	<5.00	mg/L	5.00	100	01/13/17 13:00	CCR	L317919
TCLP Selenium	<25.0	mg/L	25.0	100	01/12/17 23:19	JTR	L317836
TCLP Silver	<2.50	mg/L	2.50	100	01/12/17 23:19	JTR	L317836

Analytical Method: 7470A **Prep Batch(es):** **L316759** 01/04/17 08:45
Prep Method: 7470A

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Mercury	<0.0200	mg/L	0.0200	1	01/04/17 12:18	KKM	L316849

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 01/13/2017
Received : 12/21/2016

Randell H. Thomas
Randy Thomas
Project Manager

Report Number : **16-356-0250**

REPORT OF ANALYSIS

Lab No : **95415**
Sample ID : **V11220160910**

Matrix: **Aqueous**
Sampled: **12/20/2016 9:10**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Acidity (as CaCO3)	<100	mg/L	100	1	12/30/16 10:44	DB2	2310B-2011
Alkalinity (as CaCO3)	**80500**	mg/L	100	1	01/03/17 10:29	DB2	2320B-2011
Cyanide, Amenable	**13.0**	mg/L	10.0	1000	01/02/17 12:07	EWB	4500CNG-2011
Cyanide, Total	**13.8**	mg/L	10.0	1000	12/31/16 12:30	EWB	4500CNE-2011
pH	**10.7**	s.u.		1	12/21/16 14:25	WRO	4500H+B-2011
Total Settleable Solids	**2.0**	mL/L	0.1	1	12/21/16 11:26	EWB	2540F-2011
Total Solids	**231000**	mg/L	33	1	12/23/16 13:25	GHD	2540B-2011
Total Suspended Solids	**490**	mg/L	5	1	12/21/16 15:10	KGL	2540D-2011
Sulfide	<25.0	mg/L	25.0	25	12/23/16 11:04	GHD	4500S2G-2011
Total Arsenic	<5.00	mg/L	5.00	100	01/12/17 22:29	JTR	EPA-200.7
Total Barium	<5.00	mg/L	5.00	100	01/12/17 22:29	JTR	EPA-200.7
Total Cadmium	<1.00	mg/L	1.00	100	01/12/17 22:29	JTR	EPA-200.7
Total Chromium	**561**	mg/L	2.50	100	01/12/17 22:29	JTR	EPA-200.7
Total Copper	**2.60**	mg/L	2.50	100	01/12/17 22:29	JTR	EPA-200.7
Total Lead	<3.00	mg/L	3.00	100	01/13/17 14:01	CCR	EPA-200.7
Mercury (Total)	<0.00100	mg/L	0.00100	1	12/28/16 12:37	KKM	EPA-245.1
Total Selenium	<5.00	mg/L	5.00	100	01/12/17 22:29	JTR	EPA-200.7
Total Silver	<2.50	mg/L	2.50	100	01/12/17 22:29	JTR	EPA-200.7
Total Sodium	**42800**	mg/L	250	100	01/12/17 22:29	JTR	EPA-200.7
Total Zinc	<5.00	mg/L	5.00	100	01/12/17 22:29	JTR	EPA-200.7
Sulfate	**1500**	mg/L	100	100	12/28/16 12:06	BKN	EPA-300.0
Sulfide (Reactivity)	<25.0	mg/L	25.0	1	12/23/16 11:04	GHD	SW-7.3.4

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 01/13/2017
Received : 12/21/2016

Randell H. Thomas
Randy Thomas
Project Manager

Report Number : **16-356-0250**

REPORT OF ANALYSIS

Lab No : **95416**
Sample ID : **V21220160930**

Matrix: **Solid**
Sampled: **12/20/2016 9:30**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
TCLP Metals Extraction	**Filtrate**			1	01/03/17 14:07	SAJ	SW-1311

Analytical Method: 6010C **Prep Batch(es):** **L316754** 01/04/17 08:25
Prep Method: 3005A

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Arsenic	<12.5	mg/L	12.5	100	01/12/17 23:24	JTR	L317836
TCLP Barium	<12.5	mg/L	12.5	100	01/12/17 23:24	JTR	L317836
TCLP Cadmium	<2.50	mg/L	2.50	100	01/12/17 23:24	JTR	L317836
TCLP Chromium	**166**	mg/L	5.00	100	01/12/17 23:24	JTR	L317836
TCLP Lead	<5.00	mg/L	5.00	100	01/13/17 13:05	CCR	L317919
TCLP Selenium	<25.0	mg/L	25.0	100	01/12/17 23:24	JTR	L317836
TCLP Silver	<2.50	mg/L	2.50	100	01/12/17 23:24	JTR	L317836

Analytical Method: 7470A **Prep Batch(es):** **L316759** 01/04/17 08:45
Prep Method: 7470A

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Mercury	<0.0200	mg/L	0.0200	1	01/04/17 12:20	KKM	L316849

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 01/13/2017
Received : 12/21/2016

Randell H. Thomas
Randy Thomas
Project Manager

Report Number : **16-356-0250**

REPORT OF ANALYSIS

Lab No : **95417**
Sample ID : **V21220160930**

Matrix: **Aqueous**
Sampled: **12/20/2016 9:30**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Acidity (as CaCO3)	<100	mg/L	100	1	12/30/16 10:44	DB2	2310B-2011
Alkalinity (as CaCO3)	**67500**	mg/L	100	1	01/03/17 10:29	DB2	2320B-2011
Cyanide, Amenable	<10.0	mg/L	10.0	1000	01/02/17 12:07	EWB	4500CNG-2011
Cyanide, Total	<10.0	mg/L	10.0	1000	12/31/16 12:30	EWB	4500CNE-2011
pH	**10.3**	s.u.		1	12/21/16 14:25	WRO	4500H+B-2011
Total Settleable Solids	<0.1	mL/L	0.1	1	12/21/16 11:26	EWB	2540F-2011
Total Solids	**66500**	mg/L	43	1	12/23/16 13:25	GHD	2540B-2011
Total Suspended Solids	**315**	mg/L	11	1	12/21/16 15:10	KGL	2540D-2011
Sulfide	<25.0	mg/L	25.0	25	12/23/16 11:04	GHD	4500S2G-2011
Total Arsenic	<5.00	mg/L	5.00	100	01/12/17 22:33	JTR	EPA-200.7
Total Barium	<5.00	mg/L	5.00	100	01/12/17 22:33	JTR	EPA-200.7
Total Cadmium	<1.00	mg/L	1.00	100	01/12/17 22:33	JTR	EPA-200.7
Total Chromium	**179**	mg/L	2.50	100	01/12/17 22:33	JTR	EPA-200.7
Total Copper	<2.50	mg/L	2.50	100	01/12/17 22:33	JTR	EPA-200.7
Total Lead	<3.00	mg/L	3.00	100	01/13/17 14:06	CCR	EPA-200.7
Mercury (Total)	<0.00100	mg/L	0.00100	1	12/28/16 12:42	KKM	EPA-245.1
Total Selenium	<5.00	mg/L	5.00	100	01/12/17 22:33	JTR	EPA-200.7
Total Silver	<2.50	mg/L	2.50	100	01/12/17 22:33	JTR	EPA-200.7
Total Sodium	**16800**	mg/L	250	100	01/12/17 22:33	JTR	EPA-200.7
Total Zinc	<5.00	mg/L	5.00	100	01/12/17 22:33	JTR	EPA-200.7
Sulfate	**640**	mg/L	100	100	12/28/16 12:16	BKN	EPA-300.0
Sulfide (Reactivity)	<25.0	mg/L	25.0	1	12/23/16 11:04	GHD	SW-7.3.4

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 01/13/2017
Received : 12/21/2016

Randell H. Thomas
Randy Thomas
Project Manager

Report Number : **16-356-0250**

REPORT OF ANALYSIS

Lab No : **95418**
Sample ID : **V31220161025**

Matrix: **Solid**
Sampled: **12/20/2016 10:25**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
TCLP Metals Extraction	**Filtrate**			1	01/03/17 14:07	SAJ	SW-1311

Analytical Method: 6010C **Prep Batch(es):** **L316754** 01/04/17 08:25
Prep Method: 3005A

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Arsenic	<12.5	mg/L	12.5	100	01/12/17 23:28	JTR	L317836
TCLP Barium	<12.5	mg/L	12.5	100	01/12/17 23:28	JTR	L317836
TCLP Cadmium	<2.50	mg/L	2.50	100	01/12/17 23:28	JTR	L317836
TCLP Chromium	**122**	mg/L	5.00	100	01/12/17 23:28	JTR	L317836
TCLP Lead	<5.00	mg/L	5.00	100	01/13/17 13:10	CCR	L317919
TCLP Selenium	<25.0	mg/L	25.0	100	01/12/17 23:28	JTR	L317836
TCLP Silver	<2.50	mg/L	2.50	100	01/12/17 23:28	JTR	L317836

Analytical Method: 7470A **Prep Batch(es):** **L316759** 01/04/17 08:45
Prep Method: 7470A

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Mercury	<0.0200	mg/L	0.0200	1	01/04/17 12:22	KKM	L316849

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 01/13/2017
Received : 12/21/2016

Randell H. Thomas
Randy Thomas
Project Manager

Report Number : **16-356-0250**

REPORT OF ANALYSIS

Lab No : **95419**
Sample ID : **V31220161025**

Matrix: **Aqueous**
Sampled: **12/20/2016 10:25**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Acidity (as CaCO3)	<100	mg/L	100	1	12/30/16 10:44	DB2	2310B-2011
Alkalinity (as CaCO3)	**65000**	mg/L	100	1	01/03/17 10:29	DB2	2320B-2011
Cyanide, Amenable	<10.0	mg/L	10.0	1000	01/02/17 12:07	EWB	4500CNG-2011
Cyanide, Total	<10.0	mg/L	10.0	1000	12/31/16 12:30	EWB	4500CNE-2011
pH	**10.6**	s.u.		1	12/21/16 14:25	WRO	4500H+B-2011
Total Settleable Solids	**36.0**	mL/L	0.1	1	12/21/16 11:26	EWB	2540F-2011
Total Solids	**78300**	mg/L	66	1	12/23/16 13:25	GHD	2540B-2011
Total Suspended Solids	**160**	mg/L	5	1	12/21/16 15:10	KGL	2540D-2011
Sulfide	<25.0	mg/L	25.0	25	12/23/16 11:04	GHD	4500S2G-2011
Total Arsenic	<5.00	mg/L	5.00	100	01/12/17 22:38	JTR	EPA-200.7
Total Barium	<5.00	mg/L	5.00	100	01/12/17 22:38	JTR	EPA-200.7
Total Cadmium	<1.00	mg/L	1.00	100	01/12/17 22:38	JTR	EPA-200.7
Total Chromium	**141**	mg/L	2.50	100	01/12/17 22:38	JTR	EPA-200.7
Total Copper	<2.50	mg/L	2.50	100	01/12/17 22:38	JTR	EPA-200.7
Total Lead	<3.00	mg/L	3.00	100	01/13/17 14:11	CCR	EPA-200.7
Mercury (Total)	<0.00100	mg/L	0.00100	1	12/28/16 12:44	KKM	EPA-245.1
Total Selenium	<5.00	mg/L	5.00	100	01/12/17 22:38	JTR	EPA-200.7
Total Silver	<2.50	mg/L	2.50	100	01/12/17 22:38	JTR	EPA-200.7
Total Sodium	**32700**	mg/L	250	100	01/12/17 22:38	JTR	EPA-200.7
Total Zinc	<5.00	mg/L	5.00	100	01/12/17 22:38	JTR	EPA-200.7
Sulfate	**496**	mg/L	100	100	12/28/16 12:25	BKN	EPA-300.0
Sulfide (Reactivity)	<25.0	mg/L	25.0	1	12/23/16 11:04	GHD	SW-7.3.4

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 01/13/2017
Received : 12/21/2016

Randell H. Thomas
Randy Thomas
Project Manager

Report Number : **16-356-0250**

REPORT OF ANALYSIS

Lab No : **95420**
Sample ID : **V41220161040**

Matrix: **Solid**
Sampled: **12/20/2016 10:40**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
TCLP Metals Extraction	**Filtrate**			1	01/03/17 14:07	SAJ	SW-1311

Analytical Method: 6010C **Prep Batch(es):** **L316754** 01/04/17 08:25
Prep Method: 3005A

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Arsenic	<12.5	mg/L	12.5	100	01/11/17 01:03	JTR	L317712
TCLP Barium	<12.5	mg/L	12.5	100	01/11/17 01:03	JTR	L317712
TCLP Cadmium	<2.50	mg/L	2.50	100	01/11/17 01:03	JTR	L317712
TCLP Chromium	**1190**	mg/L	5.00	100	01/11/17 01:03	JTR	L317712
TCLP Lead	**9.60**	mg/L	5.00	100	01/11/17 01:03	JTR	L317712
TCLP Selenium	<25.0	mg/L	25.0	100	01/11/17 01:03	JTR	L317712
TCLP Silver	<2.50	mg/L	2.50	100	01/11/17 01:03	JTR	L317712

Analytical Method: 7470A **Prep Batch(es):** **L316759** 01/04/17 08:45
Prep Method: 7470A

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Mercury	<0.0200	mg/L	0.0200	1	01/04/17 12:24	KKM	L316849

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 01/13/2017
Received : 12/21/2016

Randy Thomas
Project Manager

Report Number : **16-356-0250**

REPORT OF ANALYSIS

Lab No : **95421**
Sample ID : **V41220161040**

Matrix: **Aqueous**
Sampled: **12/20/2016 10:40**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Acidity (as CaCO3)	<100	mg/L	100	1	12/30/16 10:44	DB2	2310B-2011
Alkalinity (as CaCO3)	**52000**	mg/L	100	1	01/03/17 10:29	DB2	2320B-2011
Cyanide, Amenable	<10.0	mg/L	10.0	1000	01/02/17 12:07	EWB	4500CNG-2011
Cyanide, Total	<10.0	mg/L	10.0	1000	12/31/16 12:30	EWB	4500CNE-2011
pH	**13.8**	s.u.		1	12/21/16 14:25	WRO	4500H+B-2011
Total Settleable Solids	**5.9**	mL/L	0.1	1	12/21/16 11:26	EWB	2540F-2011
Total Solids	**206000**	mg/L	50	1	12/23/16 13:25	GHD	2540B-2011
Total Suspended Solids	**303**	mg/L	2	1	12/21/16 15:10	KGL	2540D-2011
Sulfide	<25.0	mg/L	25.0	25	12/23/16 11:04	GHD	4500S2G-2011
Total Arsenic	<5.00	mg/L	5.00	10	01/11/17 01:08	JTR	EPA-200.7
Total Barium	<5.00	mg/L	5.00	10	01/11/17 01:08	JTR	EPA-200.7
Total Cadmium	<1.00	mg/L	1.00	10	01/11/17 01:08	JTR	EPA-200.7
Total Chromium	**1140**	mg/L	2.50	10	01/11/17 01:08	JTR	EPA-200.7
Total Copper	**13.8**	mg/L	2.50	10	01/11/17 01:08	JTR	EPA-200.7
Total Lead	**11.6**	mg/L	3.00	10	01/11/17 01:08	JTR	EPA-200.7
Mercury (Total)	<0.0100	mg/L	0.0100	1	12/28/16 12:46	KKM	EPA-245.1
Total Selenium	<5.00	mg/L	5.00	10	01/11/17 01:08	JTR	EPA-200.7
Total Silver	<2.50	mg/L	2.50	10	01/11/17 01:08	JTR	EPA-200.7
Total Sodium	**96200**	mg/L	250	10	01/11/17 01:08	JTR	EPA-200.7
Total Zinc	**7.95**	mg/L	5.00	10	01/11/17 01:08	JTR	EPA-200.7
Sulfate	**1390**	mg/L	1000	1000	12/28/16 20:50	BKN	EPA-300.0
Sulfide (Reactivity)	<25.0	mg/L	25.0	1	12/23/16 11:04	GHD	SW-7.3.4

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 01/13/2017
Received : 12/21/2016

Randell H. Thomas
Randy Thomas
Project Manager

Report Number : **16-356-0250**

REPORT OF ANALYSIS

Lab No : **95422**
Sample ID : **V81220161115**

Matrix: **Solid**
Sampled: **12/20/2016 11:15**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
TCLP Metals Extraction	**Filtrate**			1	01/03/17 14:07	SAJ	SW-1311

Analytical Method: 6010C **Prep Batch(es):** **L316754** 01/04/17 08:25
Prep Method: 3005A

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Arsenic	<12.5	mg/L	12.5	100	01/11/17 01:13	JTR	L317712
TCLP Barium	<12.5	mg/L	12.5	100	01/11/17 01:13	JTR	L317712
TCLP Cadmium	<2.50	mg/L	2.50	100	01/11/17 01:13	JTR	L317712
TCLP Chromium	**177**	mg/L	5.00	100	01/11/17 01:13	JTR	L317712
TCLP Lead	<5.00	mg/L	5.00	100	01/11/17 01:13	JTR	L317712
TCLP Selenium	<25.0	mg/L	25.0	100	01/11/17 01:13	JTR	L317712
TCLP Silver	<2.50	mg/L	2.50	100	01/11/17 01:13	JTR	L317712

Analytical Method: 7470A **Prep Batch(es):** **L316759** 01/04/17 08:45
Prep Method: 7470A

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Mercury	<0.0200	mg/L	0.0200	1	01/04/17 12:26	KKM	L316849

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 01/13/2017
Received : 12/21/2016

Randell H. Thomas
Randy Thomas
Project Manager

Report Number : **16-356-0250**

REPORT OF ANALYSIS

Lab No : **95423**
Sample ID : **V81220161115**

Matrix: **Aqueous**
Sampled: **12/20/2016 11:15**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Acidity (as CaCO3)	**100000**	mg/L	100	1	12/30/16 10:44	DB2	2310B-2011
Alkalinity (as CaCO3)	<100	mg/L	100	1	01/03/17 10:29	DB2	2320B-2011
Cyanide, Amenable	<10.0	mg/L	10.0	1000	01/02/17 12:07	EWB	4500CNG-2011
Cyanide, Total	<10.0	mg/L	10.0	1000	12/31/16 12:30	EWB	4500CNE-2011
pH	**2.3**	s.u.		1	12/21/16 14:25	WRO	4500H+B-2011
Total Settleable Solids	**60.7**	mL/L	0.1	1	12/21/16 11:26	EWB	2540F-2011
Total Solids	**239000**	mg/L	31	1	12/23/16 13:25	GHD	2540B-2011
Total Suspended Solids	**146**	mg/L	2	1	12/21/16 15:10	KGL	2540D-2011
Sulfide	<25.0	mg/L	25.0	25	12/23/16 11:04	GHD	4500S2G-2011
Total Arsenic	<5.00	mg/L	5.00	100	01/11/17 01:17	JTR	EPA-200.7
Total Barium	<5.00	mg/L	5.00	100	01/11/17 01:17	JTR	EPA-200.7
Total Cadmium	<1.00	mg/L	1.00	100	01/11/17 01:17	JTR	EPA-200.7
Total Chromium	**153**	mg/L	2.50	100	01/11/17 01:17	JTR	EPA-200.7
Total Copper	**12.7**	mg/L	2.50	100	01/11/17 01:17	JTR	EPA-200.7
Total Lead	<3.00	mg/L	3.00	100	01/11/17 01:17	JTR	EPA-200.7
Mercury (Total)	<0.00020	mg/L	0.00020	1	12/28/16 12:48	KKM	EPA-245.1
Total Selenium	<5.00	mg/L	5.00	100	01/11/17 01:17	JTR	EPA-200.7
Total Silver	<2.50	mg/L	2.50	100	01/11/17 01:17	JTR	EPA-200.7
Total Sodium	**50900**	mg/L	250	100	01/11/17 01:17	JTR	EPA-200.7
Total Zinc	**6.85**	mg/L	5.00	100	01/11/17 01:17	JTR	EPA-200.7
Sulfate	**234000**	mg/L	10000	10000	12/29/16 14:51	BKN	EPA-300.0
Sulfide (Reactivity)	<25.0	mg/L	25.0	1	12/23/16 11:04	GHD	SW-7.3.4

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: **Tetra Tech EM, Inc.**
Project Description: **Chromcraft**
Report No: **16-356-0250**

QC Prep Batch: L316081
QC Prep Batch Method: EPA-200.7 (PREP)
Analysis Method: EPA-200.7
Analysis Description: Total Metals

Lab Reagent Blank LRB-L316081 Matrix: AQU

Associated Lab Samples: 95415, 95417, 95419, 95421, 95423

Parameter	Units	Blank Result	MQL	Analyzed
Total Arsenic	mg/L	< 0.010	0.010	01/12/17 22:01
Total Barium	mg/L	< 0.010	0.010	01/12/17 22:01
Total Cadmium	mg/L	< 0.0020	0.0020	01/12/17 22:01
Total Chromium	mg/L	< 0.005	0.005	01/12/17 22:01
Total Copper	mg/L	< 0.005	0.005	01/12/17 22:01
Total Lead	mg/L	< 0.006	0.006	12/29/16 01:10
Total Selenium	mg/L	< 0.010	0.010	01/12/17 22:01
Total Silver	mg/L	< 0.005	0.005	01/12/17 22:01
Total Sodium	mg/L	< 0.500	0.500	01/12/17 22:01
Total Zinc	mg/L	< 0.010	0.010	01/12/17 22:01

Laboratory Control Sample LCS-L316081

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
Total Arsenic	mg/L	0.100	0.098	98.0	85-115
Total Barium	mg/L	1.00	0.936	93.6	85-115
Total Cadmium	mg/L	0.100	0.0968	96.8	85-115
Total Chromium	mg/L	1.00	1.05	105	85-115
Total Copper	mg/L	1.00	0.917	91.7	85-115
Total Lead	mg/L	0.100	0.095	95.0	85-115
Total Selenium	mg/L	0.100	0.093	93.0	85-115
Total Silver	mg/L	0.100	0.099	99.0	85-115
Total Sodium	mg/L	10.0	9.76	97.6	85-115
Total Zinc	mg/L	1.00	0.962	96.2	85-115

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: Tetra Tech EM, Inc.
Project Description: Chromcraft
Report No: 16-356-0250

QC Prep Batch: L316081
QC Prep Batch Method: EPA-200.7 (PREP)
Analysis Method: EPA-200.7
Analysis Description: Total Metals

Matrix Spike & Matrix Spike Duplicate L 95431-MS-L316081 L 95431-MSD-L316081

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
Total Arsenic	mg/L	< 50.0	0.500	0.500	27.6	27.6	0.0*	0.0*	70-130	0.0	20.0
Total Barium	mg/L	< 0.500	5.00	5.00	5.38	5.39	108	108	70-130	0.1	20.0
Total Cadmium	mg/L	0.135	0.500	0.500	0.730	0.720	119	117	70-130	1.3	20.0
Total Chromium	mg/L	19600	5.00	5.00	20600	20200	20000*	12000*	70-130	1.9	20.0
Total Copper	mg/L	237	5.00	5.00	261	254	480*	340*	70-130	2.7	20.0
Total Lead	mg/L	< 3.00	0.500	0.500	1.97	1.97	0.0*	0.0*	70-130	0.0	20.0
Total Selenium	mg/L	< 0.500	0.500	0.500	0.318	0.318	0.0*	0.0*	70-130	0.0	20.0
Total Silver	mg/L	< 0.250	0.500	0.500	0.575	0.575	115	115	70-130	0.0	20.0
Total Sodium	mg/L	2720	50.0	50.0	2920	2840	400*	240*	70-130	2.7	20.0
Total Zinc	mg/L	8.55	5.00	5.00	12.7	12.6	83.0	81.0	70-130	0.7	20.0

Post Digestion Spike L 95431-PDS-L316081

Parameter	Units	PDS Result	% Recovery	Analyzed
Total Arsenic	mg/L	1.20	96.0	01/03/17 23:40
Total Barium	mg/L	13.2	105	12/30/16 03:16
Total Cadmium	mg/L	1.32	105	12/30/16 03:16
Total Chromium	mg/L	108	97.5	12/30/16 04:52
Total Copper	mg/L	24.0	98.5	12/30/16 03:16
Total Lead	mg/L	1.25	100	12/30/16 03:16
Total Selenium	mg/L	1.26	101	12/30/16 03:16
Total Silver	mg/L	1.28	102	12/30/16 03:16
Total Sodium	mg/L	256	98.0	12/30/16 03:16
Total Zinc	mg/L	12.1	96.5	12/30/16 04:52

* QC Fail

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: **Tetra Tech EM, Inc.**
Project Description: **Chromcraft**
Report No: **16-356-0250**

QC Prep Batch: L316094 **Analysis Method:** EPA-245.1
QC Prep Batch Method: EPA-245.1 (PREP) **Analysis Description:** Mercury

Lab Reagent Blank LRB-L316094 Matrix: AQU

Associated Lab Samples: 95415, 95417, 95419, 95421, 95423

Parameter	Units	Blank Result	MQL	Analyzed
Mercury (Total)	mg/L	< 0.00020	0.00020	12/28/16 12:20

Laboratory Control Sample LCS-L316094

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
Mercury (Total)	mg/L	0.00400	0.00430	108	85-115

Matrix Spike & Matrix Spike Duplicate L 96182-MS-L316094 L 96182-MSD-L316094

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
Mercury (Total)	mg/L	< 0.00020	0.00400	0.00400	0.00430	0.00401	108	100	70-130	6.9	20.0

Post Digestion Spike L 96182-PDS-L316094

Parameter	Units	PDS Result	% Recovery	Analyzed
Mercury (Total)	mg/L	0.00509	102	12/28/16 13:06

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: **Tetra Tech EM, Inc.**
Project Description: **Chromcraft**
Report No: **16-356-0250**

QC Prep Batch: L316321
QC Prep Batch Method: EPA-300.0 (PREP)
Analysis Method: EPA-300.0
Analysis Description: Anions by Ion Chromatography

Lab Reagent Blank LRB-L316321 Matrix: AQU

Associated Lab Samples: 95415, 95417, 95419, 95421, 95423

Parameter	Units	Blank Result	MQL	Analyzed
Sulfate	mg/L	< 1.00	1.00	12/28/16 08:55

Laboratory Control Sample LCS-L316321

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
Sulfate	mg/L	69.4	69.0	99.3	90-110

Matrix Spike & Matrix Spike Duplicate L 96588-MS-L316321 L 96588-MSD-L316321

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
Sulfate	mg/L	2.21	69.4	69.4	72.6	72.8	101	102	80-120	0.2	20.0

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: **Tetra Tech EM, Inc.**
Project Description: **Chromcraft**
Report No: **16-356-0250**

QC Prep Batch: L316484
QC Prep Batch Method: SM-2310B
Analysis Method: 2310B-2011
Analysis Description: Acidity

Duplicate L 95415-DUP

Parameter	Units	Result	DUP Result	RPD	Max RPD	Analyzed
Acidity (as CaCO3)	mg/L	< 100	< 100	0.0	15	12/30/16 10:44

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: **Tetra Tech EM, Inc.**
Project Description: **Chromcraft**
Report No: **16-356-0250**

QC Prep Batch: L316628
QC Prep Batch Method: SM-2320 B
Analysis Method: 2320B-2011
Analysis Description: Alkalinity

Duplicate L 95406-DUP

Parameter	Units	Result	DUP Result	RPD	Max RPD	Analyzed
Alkalinity (as CaCO3)	mg/L	700	700	0.0	10	01/03/17 10:29

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: **Tetra Tech EM, Inc.**
Project Description: **Chromcraft**
Report No: **16-356-0250**

QC Prep Batch: L316019
QC Prep Batch Method: SM-2540B
Analysis Method: 2540B-2011
Analysis Description: Total Solids

Lab Reagent Blank LRB Matrix: AQU

Associated Lab Samples: 95415, 95417, 95419, 95421, 95423

Parameter	Units	Blank Result	MQL	Analyzed
Total Solids	mg/L	< 10	10	12/23/16 13:25

Laboratory Control Sample LCS

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
Total Solids	mg/L	250	259	104	90-110

Duplicate L 95408-DUP

Parameter	Units	Result	DUP Result	RPD	Max RPD	Analyzed
Total Solids	mg/L	364000	412000	12.3*	10	12/23/16 13:25

* QC Fail

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: **Tetra Tech EM, Inc.**
Project Description: **Chromcraft**
Report No: **16-356-0250**

QC Prep Batch: L315671
QC Prep Batch Method: SM-2540D
Analysis Method: 2540D-2011
Analysis Description: Total Suspended Solids

Lab Reagent Blank LRB Matrix: AQU

Associated Lab Samples: 95415, 95417, 95419, 95421, 95423

Parameter	Units	Blank Result	MQL	Analyzed
Total Suspended Solids	mg/L	< 2	2	12/21/16 15:10

Duplicate L 95429-DUP

Parameter	Units	Result	DUP Result	RPD	Max RPD	Analyzed
Total Suspended Solids	mg/L	5	4	22.2*	10	12/21/16 15:10

* QC Fail

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: Tetra Tech EM, Inc.
Project Description: Chromcraft
Report No: 16-356-0250

QC Prep Batch: L316535
QC Prep Batch Method: SM-4500CNE
Analysis Method: 4500CNE-2011
Analysis Description: Total Cyanide

Lab Reagent Blank LRB Matrix: AQU

Associated Lab Samples: 95415, 95417, 95419, 95421, 95423

Parameter	Units	Blank Result	MQL	Analyzed
Cyanide, Total	mg/L	< 0.005	0.005	12/31/16 12:30

Laboratory Control Sample LCS

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
Cyanide, Total	mg/L	0.200	0.190	95.0	90-110

Duplicate L 95811-DUP

Parameter	Units	Result	DUP Result	RPD	Max RPD	Analyzed
Cyanide, Total	mg/L	0.225	0.213	5.4	20.0	12/31/16 12:30

Matrix Spike L 95811-MS

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	%Rec Limits	RPD	Max RPD
Cyanide, Total	mg/L	0.225	0.200		0.389		82.0	70-130		

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: **Tetra Tech EM, Inc.**
Project Description: **Chromcraft**
Report No: **16-356-0250**

QC Prep Batch: L316006 **Analysis Method:** 4500S2G-2011
QC Prep Batch Method: SM-4500S2G **Analysis Description:** Sulfide by ISE

Lab Reagent Blank LRB Matrix: AQU

Associated Lab Samples: 95415, 95417, 95419, 95421, 95423

Parameter	Units	Blank Result	MQL	Analyzed
Sulfide	mg/L	< 1.00	1.00	12/23/16 11:04

Laboratory Control Sample LCS

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
Sulfide	mg/L	5.01	4.58	91.4	80-120

Duplicate G 88977-DUP

Parameter	Units	Result	DUP Result	RPD	Max RPD	Analyzed
Sulfide	mg/L	< 1.00	< 1.00	0.0	20.0	12/23/16 11:04

Matrix Spike G 88977-MS

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	%Rec Limits	RPD	Max RPD
Sulfide	mg/L	< 1.02	2.04		1.98		97.0	70-130		

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: Tetra Tech EM, Inc.
Project Description: Chromcraft
Report No: 16-356-0250

QC Prep Batch: L316754
QC Prep Batch Method: 3005A
Analysis Method: 6010C
Analysis Description: Metals Analysis (TCLP)

Lab Reagent Blank LRB-L316754 Matrix: TCL

Associated Lab Samples: 95414, 95416, 95418, 95420, 95422

Parameter	Units	Blank Result	MQL	Analyzed
TCLP Arsenic	mg/L	< 0.025	0.025	01/12/17 23:00
TCLP Barium	mg/L	< 0.025	0.025	01/12/17 23:00
TCLP Cadmium	mg/L	< 0.005	0.005	01/12/17 23:00
TCLP Chromium	mg/L	< 0.010	0.010	01/13/17 14:29
TCLP Lead	mg/L	< 0.010	0.010	01/13/17 14:29
TCLP Selenium	mg/L	< 0.050	0.050	01/12/17 23:00
TCLP Silver	mg/L	< 0.005	0.005	01/12/17 23:00

Laboratory Control Sample LCS-L316754

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
TCLP Arsenic	mg/L	0.100	0.099	99.0	80-120
TCLP Barium	mg/L	1.00	0.956	95.6	80-120
TCLP Cadmium	mg/L	0.100	0.098	98.0	80-120
TCLP Chromium	mg/L	1.00	1.05	105	80-120
TCLP Lead	mg/L	0.100	0.104	104	80-120
TCLP Selenium	mg/L	0.100	0.094	94.0	80-120
TCLP Silver	mg/L	0.100	0.098	98.0	80-120

Matrix Spike & Matrix Spike Duplicate L 96956-MS-L316754 L 96956-MSD-L316754

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
TCLP Arsenic	mg/L	< 0.025	0.500	0.500	0.517	0.502	103	100	75-125	2.9	20.0
TCLP Barium	mg/L	1.53	5.00	5.00	6.35	6.20	96.4	93.4	75-125	2.3	20.0
TCLP Cadmium	mg/L	< 0.005	0.500	0.500	0.496	0.480	99.2	96.0	75-125	3.2	20.0
TCLP Chromium	mg/L	0.025	5.00	5.00	4.89	4.74	97.3	94.3	75-125	3.1	20.0
TCLP Lead	mg/L	< 0.010	0.500	0.500	0.478	0.465	95.6	93.0	75-125	2.7	20.0

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: **Tetra Tech EM, Inc.**
Project Description: **Chromcraft**
Report No: **16-356-0250**

QC Prep Batch: L316754
QC Prep Batch Method: 3005A
Analysis Method: 6010C
Analysis Description: Metals Analysis (TCLP)

Matrix Spike & Matrix Spike Duplicate L 96956-MS-L316754 L 96956-MSD-L316754

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
TCLP Selenium	mg/L	< 0.050	0.500	0.500	0.551	0.535	110	107	75-125	2.9	20.0
TCLP Silver	mg/L	< 0.005	0.500	0.500	0.502	0.506	100	101	75-125	0.7	20.0

Post Digestion Spike L 96956-PDS-L316754

Parameter	Units	PDS Result	% Recovery	Analyzed
TCLP Arsenic	mg/L	0.249	99.9	01/05/17 03:06
TCLP Barium	mg/L	3.19	97.7	01/05/17 03:06
TCLP Cadmium	mg/L	0.248	99.4	01/05/17 03:06
TCLP Chromium	mg/L	2.51	99.7	01/05/17 03:06
TCLP Lead	mg/L	0.249	99.6	01/06/17 13:15
TCLP Selenium	mg/L	0.258	103	01/05/17 03:06
TCLP Silver	mg/L	0.254	102	01/05/17 03:06

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: **Tetra Tech EM, Inc.**
Project Description: **Chromcraft**
Report No: **16-356-0250**

QC Prep Batch: L316759
QC Prep Batch Method: 7470A
Analysis Method: 7470A
Analysis Description: Total Aqueous Mercury Analysis - CVA

Lab Reagent Blank LRB-L316759 Matrix: TCL

Associated Lab Samples: 95414, 95416, 95418, 95420, 95422

Parameter	Units	Blank Result	MQL	Analyzed
TCLP Mercury	mg/L	< 0.0010	0.0010	01/04/17 12:15

Laboratory Control Sample LCS-L316759

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
TCLP Mercury	mg/L	0.0040	0.0040	100	80-120

Matrix Spike & Matrix Spike Duplicate L 96956-MS-L316759 L 96956-MSD-L316759

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
TCLP Mercury	mg/L	< 0.0200	0.0800	0.0800	0.0816	0.0834	102	104	80-120	2.1	20.0

Post Digestion Spike L 96956-PDS-L316759

Parameter	Units	PDS Result	% Recovery	Analyzed
TCLP Mercury	mg/L	0.104	104	01/04/17 12:48

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Cooler Receipt Form

Customer Number: **06379**
Customer Name: **Tetra Tech EM, Inc.**
Report Number: **16-356-0250**

Shipping Method

○ Fed Ex ○ US Postal ○ Lab ○ Other :
○ UPS ● Client ○ Courier Thermometer ID: #10

Shipping container/cooler uncompromised?	● Yes	○ No	
Number of coolers received	3		
Custody seals intact on shipping container/cooler?	○ Yes	○ No	● Not Required
Custody seals intact on sample bottles?	○ Yes	○ No	● Not Required
Chain of Custody (COC) present?	● Yes	○ No	
COC agrees with sample label(s)?	● Yes	○ No	
COC properly completed	● Yes	○ No	
Samples in proper containers?	● Yes	○ No	
Sample containers intact?	● Yes	○ No	
Sufficient sample volume for indicated test(s)?	● Yes	○ No	
All samples received within holding time?	● Yes	○ No	
Cooler temperature in compliance?	○ Yes	● No	
Cooler/Samples arrived at the laboratory on ice. Samples were considered acceptable as cooling process had begun.	● Yes	○ No	
Water - Sample containers properly preserved	● Yes	○ No	○ N/A
Water - VOA vials free of headspace	○ Yes	○ No	● N/A
Trip Blanks received with VOAs	○ Yes	○ No	● N/A
Soil VOA method 5035 – compliance criteria met	○ Yes	○ No	● N/A

☐ High concentration container (48 hr) ☐ Low concentration EnCore samplers (48 hr)
☐ High concentration pre-weighed (methanol -14 d) ☐ Low conc pre-weighed vials (Sod Bis -14 d)

Special precautions or instructions included?	○ Yes	● No

Comments: Cooler Temps @ 7.7, 8.4, 7.9 degrees C

Any regulatory non-compliance issues will be recorded on non-compliance report.

Signature: Danyale Love Date & Time: 12/21/2016 10:17:12

Waypoint ANALYTICAL

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

Kit ID:	0000074505
Initiated By:	Randy Thomas
Project Commment	

CHAIN-OF-CUSTODY

16-356-0250
06379
12-21-2016
10:16:48
Tetra Tech EM, Inc.
Chromcraft

Company Name	Company Number	Client Project Manager/Contact	Purchase Order Number
Tetra Tech EM, Inc.	06379	Tetra Tech EM, Inc.	
Site Name	**Project Number**	☐ RUSH – Additional charges apply ☐ Special Detection Limits(s) Date Results Needed	**Method of Shipment** ☐ Fed Ex ☐ UPS ☐ USPS ☐ Courier ☑ Client Drop Off Other
Chromecraft	103X90270106		
LIMS Project ID	**Project Manager Phone #**	**Project Manager Email**	**Site/Facility ID #**
Tetra Tech - Chromcraft	Todd Taylor 615-992-5556 (687) 775-3104	todd.Taylor@tetratech.com	

Date	Time	Sample ID	Matrix	Grab/ Comp	# of Cont	Container Type	Preservation	Analyses
12/20/16	09:10	V1 1220160910	Aqueous	G	3	Plastic - Quart	NONE	TCLP Metals/TSS/TS/SS/SO4/pH/Alk/Acid
12/20/16	09:30	V2 1220160930	Aqueous	G	1	Plastic - Pint	NaOH - Sodium Hydroxide	CNA/CNT
12/20/16	09:16	V1 1220160910	Aqueous	G	1	Plastic - Pint	HNO3 - Nitric Acid	RCRA Metals/Cu/Na/Zn
12/20/16	09:16	V1 1220160910	Aqueous	G	1	Plastic - Pint	ZnAc+NaOH - Zinc Acetate+Sodium Hydroxide	Total & React Sulfide
12/20/16	09:30	V2 1220160930	Aqueous	G	3	Plastic - Quart	NONE	TCLP Metals/TSS/TS/SS/SO4/pH/Alk/Acid
12/20/16	09:30	V2 1220160930	Aqueous	G	1	Plastic - Pint	NaOH - Sodium Hydroxide	CNA/CNT
12/20/16	09:30	V2 1220160930	Aqueous	G	1	Plastic - Pint	HNO3 - Nitric Acid	RCRA Metals/Cu/Na/Zn

For Laboratory Use Only			Sampled by (Name - Print)	Client Remarks/Comments		
Ice Y/N	Custody Seals Y/N	Lab Comments	Todd Taylor			
		Approval to analyze per Todd Taylor. 12/21/16	Relinquished by: (SIGNATURE) Todd Taylor	Date Time 12/20/16	Received by: (SIGNATURE)	Date Time
Blank/Cooler Temp 7.7°, 8.4, 7.9°C TIOBS			Relinquished by: (SIGNATURE)	Date Time	Received by: (SIGNATURE)	Date Time
			Relinquished by: (SIGNATURE)	Date Time	Received by: (SIGNATURE) S Cook	Date Time 12/20/16 1830

Waypoint ANALYTICAL

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

Kit ID:	0000074505
Initiated By:	Randy Thomas
Project Commment	

CHAIN-OF-CUSTODY

Tetra Tech EM, Inc.
Chromcraft
16-356-0250
06379
12-21-2016
10:16:48

Company Name	Company Number	Client Project Manager/Contact	Purchase Order Number
Tetra Tech EM, Inc.	06379	Tetra Tech EM, Inc.	
Site Name	**Project Number**	☐ RUSH – Additional charges apply ☐ Special Detection Limits(s) Date Results Needed	**Method of Shipment** ☐ Fed Ex ☐ UPS ☐ USPS ☐ Courier ☒ Client Drop Off Other
Chromecraft	103X902701061		
LIMS Project ID	**Project Manager Phone #**	**Project Manager Email**	**Site/Facility ID #**
Tetra Tech - Chromcraft	Todd Taylor 615-992-5556 (687) 775-3104	todd.Taylor@tetratech.com	

Date	Time	Sample ID	Matrix	Grab/ Comp	# of Cont	Container Type	Preservation	Analyses
12/20/16	0930 ~~10:25~~	~~V2122016 1025~~ TAT V2122016 0930	Aqueous	G	1	Plastic - Pint	ZnAc+NaOH - Zinc Acetate+Sodium Hydroxide	Total & React Sulfide
12/20/16	10:25	V3122016 1025	Aqueous	G	3	Plastic - Quart	NONE	TCLP Metals/TSS/TS/SS/SO4/pH/Alk/Acid
12/20/16	10:25	V3122016 1025	Aqueous	G	1	Plastic - Pint	NaOH - Sodium Hydroxide	CNA/CNT
12/20/16	10:25	V3 122016 1025	Aqueous	G	1	Plastic - Pint	HNO3 - Nitric Acid	RCRA Metals/Cu/Na/Zn
12/20/16	10:25	V3 122016 1025	Aqueous	G	1	Plastic - Pint	ZnAc+NaOH - Zinc Acetate+Sodium Hydroxide	Total & React Sulfide
12/20/16	10:40	V4 122016 1040	Aqueous	G	3	Plastic - Quart	NONE	TCLP Metals/TSS/TS/SS/SO4/pH/Alk/Acid
12/20/16	10:40	V4 122016 1040	Aqueous	G	1	Plastic - Pint	NaOH - Sodium Hydroxide	CNA/CNT

For Laboratory Use Only			Sampled by (Name - Print)	Client Remarks/Comments		
Ice	Custody Seals	Lab Comments	Todd Taylor			
Y/N	Y/N		Relinquished by: (SIGNATURE)	Date Time	Received by: (SIGNATURE)	Date Time
			Todd Taylor	12/20/16		
Blank/Cooler Temp			Relinquished by: (SIGNATURE)	Date Time	Received by: (SIGNATURE)	Date Time
1.7, 8.4, 7.9°C T10B5			Relinquished by: (SIGNATURE)	Date Time	Received by: (SIGNATURE)	Date Time
					S. Cook	12/20/16 1830

2/3

Waypoint ANALYTICAL

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440

Kit ID:	0000074505
Initiated By:	Randy Thomas
Project Commment	

CHAIN-OF-CUS

16-356-0250
06379
12-21-2016
10:16:48
Tetra Tech EM. Inc.
Chromcraft

Company Name	Company Number	Client Project Manager/Contact	Purchase Order Number
Tetra Tech EM, Inc.	06379	Tetra Tech EM, Inc.	
Site Name	**Project Number**	☐ RUSH – Additional charges apply ☐ Special Detection Limits(s) Date Results Needed	**Method of Shipment** ☐ Fed Ex ☐ UPS ☐ USPS ☐ Courier ☐ Client Drop Off Other
LIMS Project ID	**Project Manager Phone #**	**Project Manager Email**	**Site/Facility ID #**
Tetra Tech - Chromcraft	(687) 775-3104		

Date	Time	Sample ID	Matrix	Grab/ Comp	# of Cont	Container Type	Preservation	Analyses
12/20/16	10:40	V4 1220161040	Aqueous	G	1	Plastic - Pint	HNO3 - Nitric Acid	RCRA Metals/Cu/Na/Zn
12/20/16	10:40	V4 1220161040	Aqueous	G	1	Plastic - Pint	ZnAc+NaOH - Zinc Acetate+Sodium Hydroxide	Total & React Sulfide
12/20/16	11:15	V8 1220161115	Aqueous	G	3	Plastic - Quart	NONE	TCLP Metals/TSS/TS/SS/SO4/pH/Alk/Acid
12/20/16	11:15	V8 1220161115	Aqueous	G	1	Plastic - Pint	NaOH - Sodium Hydroxide	CNA/CNT
12/20/16	11:15	V8 1220161115	Aqueous	G	1	Plastic - Pint	HNO3 - Nitric Acid	RCRA Metals/Cu/Na/Zn
12/20/16	11:15	V8 1220161115	Aqueous	G	1	Plastic - Pint	ZnAc+NaOH - Zinc Acetate+Sodium Hydroxide	Total & React Sulfide

For Laboratory Use Only			Sampled by (Name - Print)	Client Remarks/Comments			
Ice Y/N	Custody Seals Y/N	Lab Comments	Todd D				
			Relinquished by: (SIGNATURE) Todd D	Date Time	Received by: (SIGNATURE)	Date Time	
			Relinquished by: (SIGNATURE)	Date Time	Received by: (SIGNATURE)	Date Time	
Blank/Cooler Temp T.T°, 8.4, 7.9 °CT10BS			Relinquished by: (SIGNATURE)	Date Time	Received by: (SIGNATURE) S. Cook	Date Time 12/20/16 1830	

3/3

Report Nu	Sample Id	Project Na	Brand Nick	Lab Name	Lab Numbe	Matrix Typ	Sampled D	Received D	Prep date/
16-356-02!	V1122016(	Chromcraf	WTN	Waypoint /	95414	TCLP	########	########	
16-356-02!	V1122016(	Chromcraf	WTN	Waypoint /	95414	TCLP	########	########	
16-356-02!	V1122016(	Chromcraf	WTN	Waypoint /	95414	TCLP	########	########	
16-356-02!	V1122016(	Chromcraf	WTN	Waypoint /	95414	TCLP	########	########	
16-356-02!	V1122016(	Chromcraf	WTN	Waypoint /	95414	TCLP	########	########	
16-356-02!	V1122016(	Chromcraf	WTN	Waypoint /	95414	TCLP	########	########	
16-356-02!	V1122016(	Chromcraf	WTN	Waypoint /	95414	TCLP	########	########	
16-356-02!	V1122016(	Chromcraf	WTN	Waypoint /	95414	TCLP	########	########	
16-356-02!	V1122016(	Chromcraf	WTN	Waypoint /	95414	TCLP	########	########	
16-356-02!	V1122016(	Chromcraf	WTN	Waypoint /	95415	Aqueous	########	########	
16-356-02!	V1122016(	Chromcraf	WTN	Waypoint /	95415	Aqueous	########	########	
16-356-02!	V1122016(	Chromcraf	WTN	Waypoint /	95415	Aqueous	########	########	
16-356-02!	V1122016(	Chromcraf	WTN	Waypoint /	95415	Aqueous	########	########	
16-356-02!	V1122016(	Chromcraf	WTN	Waypoint /	95415	Aqueous	########	########	
16-356-02!	V1122016(	Chromcraf	WTN	Waypoint /	95415	Aqueous	########	########	
16-356-02!	V1122016(	Chromcraf	WTN	Waypoint /	95415	Aqueous	########	########	
16-356-02!	V1122016(	Chromcraf	WTN	Waypoint /	95415	Aqueous	########	########	
16-356-02!	V1122016(	Chromcraf	WTN	Waypoint /	95415	Aqueous	########	########	
16-356-02!	V1122016(	Chromcraf	WTN	Waypoint /	95415	Aqueous	########	########	
16-356-02!	V1122016(	Chromcraf	WTN	Waypoint /	95415	Aqueous	########	########	
16-356-02!	V1122016(	Chromcraf	WTN	Waypoint /	95415	Aqueous	########	########	
16-356-02!	V1122016(	Chromcraf	WTN	Waypoint /	95415	Aqueous	########	########	
16-356-02!	V1122016(	Chromcraf	WTN	Waypoint /	95415	Aqueous	########	########	
16-356-02!	V1122016(	Chromcraf	WTN	Waypoint /	95415	Aqueous	########	########	
16-356-02!	V1122016(	Chromcraf	WTN	Waypoint /	95415	Aqueous	########	########	
16-356-02!	V1122016(	Chromcraf	WTN	Waypoint /	95415	Aqueous	########	########	
16-356-02!	V1122016(	Chromcraf	WTN	Waypoint /	95415	Aqueous	########	########	
16-356-02!	V1122016(	Chromcraf	WTN	Waypoint /	95415	Aqueous	########	########	
16-356-02!	V1122016(	Chromcraf	WTN	Waypoint /	95415	Aqueous	########	########	
16-356-02!	V1122016(	Chromcraf	WTN	Waypoint /	95415	Aqueous	########	########	
16-356-02!	V1122016(	Chromcraf	WTN	Waypoint /	95415	Aqueous	########	########	
16-356-02!	V2122016(	Chromcraf	WTN	Waypoint /	95416	TCLP	########	########	
16-356-02!	V2122016(	Chromcraf	WTN	Waypoint /	95416	TCLP	########	########	
16-356-02!	V2122016(	Chromcraf	WTN	Waypoint /	95416	TCLP	########	########	
16-356-02!	V2122016(	Chromcraf	WTN	Waypoint /	95416	TCLP	########	########	
16-356-02!	V2122016(	Chromcraf	WTN	Waypoint /	95416	TCLP	########	########	
16-356-02!	V2122016(	Chromcraf	WTN	Waypoint /	95416	TCLP	########	########	
16-356-02!	V2122016(	Chromcraf	WTN	Waypoint /	95416	TCLP	########	########	
16-356-02!	V2122016(	Chromcraf	WTN	Waypoint /	95416	TCLP	########	########	
16-356-02!	V2122016(	Chromcraf	WTN	Waypoint /	95416	TCLP	########	########	
16-356-02!	V2122016(	Chromcraf	WTN	Waypoint /	95417	Aqueous	########	########	
16-356-02!	V2122016(	Chromcraf	WTN	Waypoint /	95417	Aqueous	########	########	
16-356-02!	V2122016(	Chromcraf	WTN	Waypoint /	95417	Aqueous	########	########	
16-356-02!	V2122016(	Chromcraf	WTN	Waypoint /	95417	Aqueous	########	########	
16-356-02!	V2122016(	Chromcraf	WTN	Waypoint /	95417	Aqueous	########	########	
16-356-02!	V2122016(	Chromcraf	WTN	Waypoint /	95417	Aqueous	########	########	

16-356-02	V2122016	Chromcraf WTN	Waypoint	95417	Aqueous	########	########
16-356-02	V2122016	Chromcraf WTN	Waypoint	95417	Aqueous	########	########
16-356-02	V2122016	Chromcraf WTN	Waypoint	95417	Aqueous	########	########
16-356-02	V2122016	Chromcraf WTN	Waypoint	95417	Aqueous	########	########
16-356-02	V2122016	Chromcraf WTN	Waypoint	95417	Aqueous	########	########
16-356-02	V2122016	Chromcraf WTN	Waypoint	95417	Aqueous	########	########
16-356-02	V2122016	Chromcraf WTN	Waypoint	95417	Aqueous	########	########
16-356-02	V2122016	Chromcraf WTN	Waypoint	95417	Aqueous	########	########
16-356-02	V2122016	Chromcraf WTN	Waypoint	95417	Aqueous	########	########
16-356-02	V2122016	Chromcraf WTN	Waypoint	95417	Aqueous	########	########
16-356-02	V2122016	Chromcraf WTN	Waypoint	95417	Aqueous	########	########
16-356-02	V2122016	Chromcraf WTN	Waypoint	95417	Aqueous	########	########
16-356-02	V2122016	Chromcraf WTN	Waypoint	95417	Aqueous	########	########
16-356-02	V2122016	Chromcraf WTN	Waypoint	95417	Aqueous	########	########
16-356-02	V2122016	Chromcraf WTN	Waypoint	95417	Aqueous	########	########
16-356-02	V2122016	Chromcraf WTN	Waypoint	95417	Aqueous	########	########
16-356-02	V3122016	Chromcraf WTN	Waypoint	95418	TCLP	########	########
16-356-02	V3122016	Chromcraf WTN	Waypoint	95418	TCLP	########	########
16-356-02	V3122016	Chromcraf WTN	Waypoint	95418	TCLP	########	########
16-356-02	V3122016	Chromcraf WTN	Waypoint	95418	TCLP	########	########
16-356-02	V3122016	Chromcraf WTN	Waypoint	95418	TCLP	########	########
16-356-02	V3122016	Chromcraf WTN	Waypoint	95418	TCLP	########	########
16-356-02	V3122016	Chromcraf WTN	Waypoint	95418	TCLP	########	########
16-356-02	V3122016	Chromcraf WTN	Waypoint	95418	TCLP	########	########
16-356-02	V3122016	Chromcraf WTN	Waypoint	95418	TCLP	########	########
16-356-02	V3122016	Chromcraf WTN	Waypoint	95419	Aqueous	########	########
16-356-02	V3122016	Chromcraf WTN	Waypoint	95419	Aqueous	########	########
16-356-02	V3122016	Chromcraf WTN	Waypoint	95419	Aqueous	########	########
16-356-02	V3122016	Chromcraf WTN	Waypoint	95419	Aqueous	########	########
16-356-02	V3122016	Chromcraf WTN	Waypoint	95419	Aqueous	########	########
16-356-02	V3122016	Chromcraf WTN	Waypoint	95419	Aqueous	########	########
16-356-02	V3122016	Chromcraf WTN	Waypoint	95419	Aqueous	########	########
16-356-02	V3122016	Chromcraf WTN	Waypoint	95419	Aqueous	########	########
16-356-02	V3122016	Chromcraf WTN	Waypoint	95419	Aqueous	########	########
16-356-02	V3122016	Chromcraf WTN	Waypoint	95419	Aqueous	########	########
16-356-02	V3122016	Chromcraf WTN	Waypoint	95419	Aqueous	########	########
16-356-02	V3122016	Chromcraf WTN	Waypoint	95419	Aqueous	########	########
16-356-02	V3122016	Chromcraf WTN	Waypoint	95419	Aqueous	########	########
16-356-02	V3122016	Chromcraf WTN	Waypoint	95419	Aqueous	########	########
16-356-02	V3122016	Chromcraf WTN	Waypoint	95419	Aqueous	########	########
16-356-02	V3122016	Chromcraf WTN	Waypoint	95419	Aqueous	########	########
16-356-02	V3122016	Chromcraf WTN	Waypoint	95419	Aqueous	########	########
16-356-02	V3122016	Chromcraf WTN	Waypoint	95419	Aqueous	########	########
16-356-02	V3122016	Chromcraf WTN	Waypoint	95419	Aqueous	########	########
16-356-02	V3122016	Chromcraf WTN	Waypoint	95419	Aqueous	########	########
16-356-02	V3122016	Chromcraf WTN	Waypoint	95419	Aqueous	########	########
16-356-02	V3122016	Chromcraf WTN	Waypoint	95419	Aqueous	########	########

16-356-02	V4122016	Chromcraf WTN	Waypoint	95420	TCLP	########	########
16-356-02	V4122016	Chromcraf WTN	Waypoint	95420	TCLP	########	########
16-356-02	V4122016	Chromcraf WTN	Waypoint	95420	TCLP	########	########
16-356-02	V4122016	Chromcraf WTN	Waypoint	95420	TCLP	########	########
16-356-02	V4122016	Chromcraf WTN	Waypoint	95420	TCLP	########	########
16-356-02	V4122016	Chromcraf WTN	Waypoint	95420	TCLP	########	########
16-356-02	V4122016	Chromcraf WTN	Waypoint	95420	TCLP	########	########
16-356-02	V4122016	Chromcraf WTN	Waypoint	95420	TCLP	########	########
16-356-02	V4122016	Chromcraf WTN	Waypoint	95420	TCLP	########	########
16-356-02	V4122016	Chromcraf WTN	Waypoint	95421	Aqueous	########	########
16-356-02	V4122016	Chromcraf WTN	Waypoint	95421	Aqueous	########	########
16-356-02	V4122016	Chromcraf WTN	Waypoint	95421	Aqueous	########	########
16-356-02	V4122016	Chromcraf WTN	Waypoint	95421	Aqueous	########	########
16-356-02	V4122016	Chromcraf WTN	Waypoint	95421	Aqueous	########	########
16-356-02	V4122016	Chromcraf WTN	Waypoint	95421	Aqueous	########	########
16-356-02	V4122016	Chromcraf WTN	Waypoint	95421	Aqueous	########	########
16-356-02	V4122016	Chromcraf WTN	Waypoint	95421	Aqueous	########	########
16-356-02	V4122016	Chromcraf WTN	Waypoint	95421	Aqueous	########	########
16-356-02	V4122016	Chromcraf WTN	Waypoint	95421	Aqueous	########	########
16-356-02	V4122016	Chromcraf WTN	Waypoint	95421	Aqueous	########	########
16-356-02	V4122016	Chromcraf WTN	Waypoint	95421	Aqueous	########	########
16-356-02	V4122016	Chromcraf WTN	Waypoint	95421	Aqueous	########	########
16-356-02	V4122016	Chromcraf WTN	Waypoint	95421	Aqueous	########	########
16-356-02	V4122016	Chromcraf WTN	Waypoint	95421	Aqueous	########	########
16-356-02	V4122016	Chromcraf WTN	Waypoint	95421	Aqueous	########	########
16-356-02	V4122016	Chromcraf WTN	Waypoint	95421	Aqueous	########	########
16-356-02	V4122016	Chromcraf WTN	Waypoint	95421	Aqueous	########	########
16-356-02	V4122016	Chromcraf WTN	Waypoint	95421	Aqueous	########	########
16-356-02	V4122016	Chromcraf WTN	Waypoint	95421	Aqueous	########	########
16-356-02	V4122016	Chromcraf WTN	Waypoint	95421	Aqueous	########	########
16-356-02	V4122016	Chromcraf WTN	Waypoint	95421	Aqueous	########	########
16-356-02	V8122016	Chromcraf WTN	Waypoint	95422	TCLP	########	########
16-356-02	V8122016	Chromcraf WTN	Waypoint	95422	TCLP	########	########
16-356-02	V8122016	Chromcraf WTN	Waypoint	95422	TCLP	########	########
16-356-02	V8122016	Chromcraf WTN	Waypoint	95422	TCLP	########	########
16-356-02	V8122016	Chromcraf WTN	Waypoint	95422	TCLP	########	########
16-356-02	V8122016	Chromcraf WTN	Waypoint	95422	TCLP	########	########
16-356-02	V8122016	Chromcraf WTN	Waypoint	95422	TCLP	########	########
16-356-02	V8122016	Chromcraf WTN	Waypoint	95422	TCLP	########	########
16-356-02	V8122016	Chromcraf WTN	Waypoint	95422	TCLP	########	########
16-356-02	V8122016	Chromcraf WTN	Waypoint	95423	Aqueous	########	########
16-356-02	V8122016	Chromcraf WTN	Waypoint	95423	Aqueous	########	########
16-356-02	V8122016	Chromcraf WTN	Waypoint	95423	Aqueous	########	########
16-356-02	V8122016	Chromcraf WTN	Waypoint	95423	Aqueous	########	########
16-356-02	V8122016	Chromcraf WTN	Waypoint	95423	Aqueous	########	########
16-356-02	V8122016	Chromcraf WTN	Waypoint	95423	Aqueous	########	########
16-356-02	V8122016	Chromcraf WTN	Waypoint	95423	Aqueous	########	########

16-356-02!	V8122016:	Chromcraf WTN	Waypoint /	95423	Aqueous	########	########
16-356-02!	V8122016:	Chromcraf WTN	Waypoint /	95423	Aqueous	########	########
16-356-02!	V8122016:	Chromcraf WTN	Waypoint /	95423	Aqueous	########	########
16-356-02!	V8122016:	Chromcraf WTN	Waypoint /	95423	Aqueous	########	########
16-356-02!	V8122016:	Chromcraf WTN	Waypoint /	95423	Aqueous	########	########
16-356-02!	V8122016:	Chromcraf WTN	Waypoint /	95423	Aqueous	########	########
16-356-02!	V8122016:	Chromcraf WTN	Waypoint /	95423	Aqueous	########	########
16-356-02!	V8122016:	Chromcraf WTN	Waypoint /	95423	Aqueous	########	########
16-356-02!	V8122016:	Chromcraf WTN	Waypoint /	95423	Aqueous	########	########
16-356-02!	V8122016:	Chromcraf WTN	Waypoint /	95423	Aqueous	########	########
16-356-02!	V8122016:	Chromcraf WTN	Waypoint /	95423	Aqueous	########	########
16-356-02!	V8122016:	Chromcraf WTN	Waypoint /	95423	Aqueous	########	########
16-356-02!	V8122016:	Chromcraf WTN	Waypoint /	95423	Aqueous	########	########
16-356-02!	V8122016:	Chromcraf WTN	Waypoint /	95423	Aqueous	########	########
16-356-02!	V8122016:	Chromcraf WTN	Waypoint /	95423	Aqueous	########	########

DateTime	CAS Numb	Analyte De	Result	Unit of Me	Qualifier	Dilution Fa	Quantitatio	Method
########	7440-38-2	TCLP Arser	<12.5	mg/L		100	12.5	SW-6010C (TCLP)
########	7440-39-3	TCLP Bariu	<12.5	mg/L		100	12.5	SW-6010C (TCLP)
########	7440-43-9	TCLP Cadm	<2.50	mg/L		100	2.5	SW-6010C (TCLP)
########	7440-47-3	TCLP Chror	532	mg/L		100	5	SW-6010C (TCLP)
########	7439-92-1	TCLP Lead	<5.00	mg/L		100	5	SW-6010C (TCLP)
########	7439-97-6	TCLP Merc	<0.0200	mg/L		1	0.02	SW-7470A (TCLP)
########		TCLP Meta	Filtrate			1		SW-1311
########	7782-49-2	TCLP Selen	<25.0	mg/L		100	25	SW-6010C (TCLP)
########	7440-22-4	TCLP Silver	<2.50	mg/L		100	2.5	SW-6010C (TCLP)
########		Acidity (as	<100	mg/L		1	100	SM-2310B
########	Alkalinity	Alkalinity (	80500	mg/L		1	100	SM-2320 B
########	57-12-5	Cyanide Ar	13	mg/L		1000	10	SM-4500CNG
########	57-12-5	Cyanide Tc	13.8	mg/L		1000	10	SM-4500CNE
########	7439-97-6	Mercury (T	<0.00100	mg/L		1	0.001	EPA-245.1
########	PHLAB	pH	10.7	s.u.				SM-4500H+B
########	14808-79-8	Sulfate	1500	mg/L		100	100	EPA-300.0
########		Sulfide	<25.0	mg/L		25	25	SM-4500S2G
########		Sulfide (Re	<25.0	mg/L			25	SW-7.3.4
########	7440-38-2	Total Arser	<5.00	mg/L		100	5	EPA-200.7
########	7440-39-3	Total Bariu	<5.00	mg/L		100	5	EPA-200.7
########	7440-43-9	Total Cadm	<1.00	mg/L		100	1	EPA-200.7
########	7440-47-3	Total Chror	561	mg/L		100	2.5	EPA-200.7
########	7440-50-8	Total Copp	2.6	mg/L		100	2.5	EPA-200.7
########	7439-92-1	Total Lead	<3.00	mg/L		100	3	EPA-200.7
########	7782-49-2	Total Seler	<5.00	mg/L		100	5	EPA-200.7
########		Total Settle	2	mL/L		1	0.1	SM-2540F
########	7440-22-4	Total Silver	<2.50	mg/L		100	2.5	EPA-200.7
########	7440-23-5	Total Sodiu	42800	mg/L		100	250	EPA-200.7
########		Total Solid	231000	mg/L		1	33	SM-2540B
########		Total Suspe	490	mg/L		1	5	SM-2540D
########	7440-66-6	Total Zinc	<5.00	mg/L		100	5	EPA-200.7
########	7440-38-2	TCLP Arser	<12.5	mg/L		100	12.5	SW-6010C (TCLP)
########	7440-39-3	TCLP Bariu	<12.5	mg/L		100	12.5	SW-6010C (TCLP)
########	7440-43-9	TCLP Cadm	<2.50	mg/L		100	2.5	SW-6010C (TCLP)
########	7440-47-3	TCLP Chror	166	mg/L		100	5	SW-6010C (TCLP)
########	7439-92-1	TCLP Lead	<5.00	mg/L		100	5	SW-6010C (TCLP)
########	7439-97-6	TCLP Merc	<0.0200	mg/L		1	0.02	SW-7470A (TCLP)
########		TCLP Meta	Filtrate			1		SW-1311
########	7782-49-2	TCLP Selen	<25.0	mg/L		100	25	SW-6010C (TCLP)
########	7440-22-4	TCLP Silver	<2.50	mg/L		100	2.5	SW-6010C (TCLP)
########		Acidity (as	<100	mg/L		1	100	SM-2310B
########	Alkalinity	Alkalinity (	67500	mg/L		1	100	SM-2320 B
########	57-12-5	Cyanide Ar	<10.0	mg/L		1000	10	SM-4500CNG
########	57-12-5	Cyanide Tc	<10.0	mg/L		1000	10	SM-4500CNE
########	7439-97-6	Mercury (T	<0.00100	mg/L		1	0.001	EPA-245.1
########	PHLAB	pH	10.3	s.u.				SM-4500H+B

########	14808-79-8	Sulfate	640	mg/L	100	100	EPA-300.0
########		Sulfide	<25.0	mg/L	25	25	SM-4500S2G
########		Sulfide (Re	<25.0	mg/L		25	SW-7.3.4
########	7440-38-2	Total Arser	<5.00	mg/L	100	5	EPA-200.7
########	7440-39-3	Total Bariu	<5.00	mg/L	100	5	EPA-200.7
########	7440-43-9	Total Cadm	<1.00	mg/L	100	1	EPA-200.7
########	7440-47-3	Total Chro	179	mg/L	100	2.5	EPA-200.7
########	7440-50-8	Total Copp	<2.50	mg/L	100	2.5	EPA-200.7
########	7439-92-1	Total Lead	<3.00	mg/L	100	3	EPA-200.7
########	7782-49-2	Total Seler	<5.00	mg/L	100	5	EPA-200.7
########		Total Settle	<0.1	mL/L	1	0.1	SM-2540F
########	7440-22-4	Total Silver	<2.50	mg/L	100	2.5	EPA-200.7
########	7440-23-5	Total Sodiu	16800	mg/L	100	250	EPA-200.7
########		Total Solid	66500	mg/L	1	43	SM-2540B
########		Total Suspe	315	mg/L	1	11	SM-2540D
########	7440-66-6	Total Zinc	<5.00	mg/L	100	5	EPA-200.7
########	7440-38-2	TCLP Arser	<12.5	mg/L	100	12.5	SW-6010C (TCLP)
########	7440-39-3	TCLP Bariu	<12.5	mg/L	100	12.5	SW-6010C (TCLP)
########	7440-43-9	TCLP Cadm	<2.50	mg/L	100	2.5	SW-6010C (TCLP)
########	7440-47-3	TCLP Chro	122	mg/L	100	5	SW-6010C (TCLP)
########	7439-92-1	TCLP Lead	<5.00	mg/L	100	5	SW-6010C (TCLP)
########	7439-97-6	TCLP Merc	<0.0200	mg/L	1	0.02	SW-7470A (TCLP)
########		TCLP Meta	Filtrate		1		SW-1311
########	7782-49-2	TCLP Selen	<25.0	mg/L	100	25	SW-6010C (TCLP)
########	7440-22-4	TCLP Silver	<2.50	mg/L	100	2.5	SW-6010C (TCLP)
########		Acidity (as	<100	mg/L	1	100	SM-2310B
########	Alkalinity	Alkalinity (	65000	mg/L	1	100	SM-2320 B
########	57-12-5	Cyanide Ar	<10.0	mg/L	1000	10	SM-4500CNG
########	57-12-5	Cyanide Tc	<10.0	mg/L	1000	10	SM-4500CNE
########	7439-97-6	Mercury (T	<0.00100	mg/L	1	0.001	EPA-245.1
########	PHLAB	pH	10.6	s.u.			SM-4500H+B
########	14808-79-8	Sulfate	496	mg/L	100	100	EPA-300.0
########		Sulfide	<25.0	mg/L	25	25	SM-4500S2G
########		Sulfide (Re	<25.0	mg/L		25	SW-7.3.4
########	7440-38-2	Total Arser	<5.00	mg/L	100	5	EPA-200.7
########	7440-39-3	Total Bariu	<5.00	mg/L	100	5	EPA-200.7
########	7440-43-9	Total Cadm	<1.00	mg/L	100	1	EPA-200.7
########	7440-47-3	Total Chro	141	mg/L	100	2.5	EPA-200.7
########	7440-50-8	Total Copp	<2.50	mg/L	100	2.5	EPA-200.7
########	7439-92-1	Total Lead	<3.00	mg/L	100	3	EPA-200.7
########	7782-49-2	Total Seler	<5.00	mg/L	100	5	EPA-200.7
########		Total Settle	36	mL/L	1	0.1	SM-2540F
########	7440-22-4	Total Silver	<2.50	mg/L	100	2.5	EPA-200.7
########	7440-23-5	Total Sodiu	32700	mg/L	100	250	EPA-200.7
########		Total Solid	78300	mg/L	1	66	SM-2540B
########		Total Suspe	160	mg/L	1	5	SM-2540D
########	7440-66-6	Total Zinc	<5.00	mg/L	100	5	EPA-200.7

########	7440-38-2	TCLP Arser	<12.5	mg/L	100	12.5	SW-6010C (TCLP)
########	7440-39-3	TCLP Bariu	<12.5	mg/L	100	12.5	SW-6010C (TCLP)
########	7440-43-9	TCLP Cadm	<2.50	mg/L	100	2.5	SW-6010C (TCLP)
########	7440-47-3	TCLP Chror	1190	mg/L	100	5	SW-6010C (TCLP)
########	7439-92-1	TCLP Lead	9.6	mg/L	100	5	SW-6010C (TCLP)
########	7439-97-6	TCLP Merc	<0.0200	mg/L	1	0.02	SW-7470A (TCLP)
########		TCLP Meta	Filtrate		1		SW-1311
########	7782-49-2	TCLP Selen	<25.0	mg/L	100	25	SW-6010C (TCLP)
########	7440-22-4	TCLP Silver	<2.50	mg/L	100	2.5	SW-6010C (TCLP)
########		Acidity (as	<100	mg/L	1	100	SM-2310B
########	Alkalinity	Alkalinity (	52000	mg/L	1	100	SM-2320 B
########	57-12-5	Cyanide Ar	<10.0	mg/L	1000	10	SM-4500CNG
########	57-12-5	Cyanide Tc	<10.0	mg/L	1000	10	SM-4500CNE
########	7439-97-6	Mercury (T	<0.0100	mg/L	1	0.01	EPA-245.1
########	PHLAB	pH	13.8	s.u.			SM-4500H+B
########	14808-79-8	Sulfate	1390	mg/L	1000	1000	EPA-300.0
########		Sulfide	<25.0	mg/L	25	25	SM-4500S2G
########		Sulfide (Re	<25.0	mg/L		25	SW-7.3.4
########	7440-38-2	Total Arser	<5.00	mg/L	10	5	EPA-200.7
########	7440-39-3	Total Bariu	<5.00	mg/L	10	5	EPA-200.7
########	7440-43-9	Total Cadm	<1.00	mg/L	10	1	EPA-200.7
########	7440-47-3	Total Chror	1140	mg/L	10	2.5	EPA-200.7
########	7440-50-8	Total Copp	13.8	mg/L	10	2.5	EPA-200.7
########	7439-92-1	Total Lead	11.6	mg/L	10	3	EPA-200.7
########	7782-49-2	Total Seler	<5.00	mg/L	10	5	EPA-200.7
########		Total Settle	5.9	mL/L	1	0.1	SM-2540F
########	7440-22-4	Total Silver	<2.50	mg/L	10	2.5	EPA-200.7
########	7440-23-5	Total Sodiu	96200	mg/L	10	250	EPA-200.7
########		Total Solid	206000	mg/L	1	50	SM-2540B
########		Total Suspe	303	mg/L	1	2	SM-2540D
########	7440-66-6	Total Zinc	7.95	mg/L	10	5	EPA-200.7
########	7440-38-2	TCLP Arser	<12.5	mg/L	100	12.5	SW-6010C (TCLP)
########	7440-39-3	TCLP Bariu	<12.5	mg/L	100	12.5	SW-6010C (TCLP)
########	7440-43-9	TCLP Cadm	<2.50	mg/L	100	2.5	SW-6010C (TCLP)
########	7440-47-3	TCLP Chror	177	mg/L	100	5	SW-6010C (TCLP)
########	7439-92-1	TCLP Lead	<5.00	mg/L	100	5	SW-6010C (TCLP)
########	7439-97-6	TCLP Merc	<0.0200	mg/L	1	0.02	SW-7470A (TCLP)
########		TCLP Meta	Filtrate		1		SW-1311
########	7782-49-2	TCLP Selen	<25.0	mg/L	100	25	SW-6010C (TCLP)
########	7440-22-4	TCLP Silver	<2.50	mg/L	100	2.5	SW-6010C (TCLP)
########		Acidity (as	100000	mg/L	1	100	SM-2310B
########	Alkalinity	Alkalinity (	<100	mg/L	1	100	SM-2320 B
########	57-12-5	Cyanide Ar	<10.0	mg/L	1000	10	SM-4500CNG
########	57-12-5	Cyanide Tc	<10.0	mg/L	1000	10	SM-4500CNE
########	7439-97-6	Mercury (T	<0.00020	mg/L	1	0.0002	EPA-245.1
########	PHLAB	pH	2.3	s.u.			SM-4500H+B
########	14808-79-8	Sulfate	234000	mg/L	10000	10000	EPA-300.0

########		Sulfide	<25.0	mg/L	25	25	SM-4500S2G
########		Sulfide (Re	<25.0	mg/L		25	SW-7.3.4
########	7440-38-2	Total Arser	<5.00	mg/L	100	5	EPA-200.7
########	7440-39-3	Total Bariu	<5.00	mg/L	100	5	EPA-200.7
########	7440-43-9	Total Cadn	<1.00	mg/L	100	1	EPA-200.7
########	7440-47-3	Total Chro	153	mg/L	100	2.5	EPA-200.7
########	7440-50-8	Total Copp	12.7	mg/L	100	2.5	EPA-200.7
########	7439-92-1	Total Lead	<3.00	mg/L	100	3	EPA-200.7
########	7782-49-2	Total Seler	<5.00	mg/L	100	5	EPA-200.7
########		Total Settle	60.7	mL/L	1	0.1	SM-2540F
########	7440-22-4	Total Silver	<2.50	mg/L	100	2.5	EPA-200.7
########	7440-23-5	Total Sodiu	50900	mg/L	100	250	EPA-200.7
########		Total Solid	239000	mg/L	1	31	SM-2540B
########		Total Suspe	146	mg/L	1	2	SM-2540D
########	7440-66-6	Total Zinc	6.85	mg/L	100	5	EPA-200.7

Waypoint ANALYTICAL

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

1/13/2017

Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth, GA, 30096

Ref: Analytical Testing
Lab Report Number: 16-356-0251
Client Project Description: Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061
Project Number: 103X902701058

Dear Mr. Todd Taylor:
Waypoint Analytical, Inc. received sample(s) on 12/21/2016 for the analyses presented in the following report.

The above referenced project has been analyzed per your instructions. The analyses were performed in accordance with the applicable analytical method.

The analytical data has been validated using standard quality control measures performed as required by the analytical method. Quality Assurance, method validations, instrumentation maintenance and calibration for all parameters (NELAP and non-NELAP) were performed in accordance with guidelines established by the USEPA (including 40 CFR 136 Method Update Rule May 2012) and NELAC unless otherwise indicated. Any parameter for which the laboratory is not officially NELAP accredited is indicated by a '~' symbol. These are not included in the scope because NELAP accreditation is either not available or has not been applied for. Additional certifications may be held/are available for parameters, where NELAP accreditation is not required or applicable. A full list of certifications is available upon request.

Certain parameters (chlorine, pH, dissolved oxygen, sulfite...) are required to be analyzed within 15 minutes of sampling. Usually, but not always, any field parameter analyzed at the laboratory is outside of this holding time. Refer to sample analysis time for confirmation of holding time compliance.

The results are shown on the attached Report of Analysis(s). Results for solid matrices are reported on an as-received basis unless otherwise indicated. This report shall not be reproduced except in full and relates only to the samples included in this report.

Please do not hesitate to contact me or client services if you have any questions or need additional information.

Sincerely,

Randell H. Thomas

Randy Thomas
Project Manager

Laboratory's liability in any claim relating to analyses performed shall be limited to, at laboratory's option, repeating the analysis in question at laboratory's expense, or the refund of the charges paid for performance of said analysis.

Alabama	#40750	Louisiana	#04015	VA NELAP	#460181	Texas	#T104704180-11-6	Arkansas	#88-0650
Mississippi		California	#2904	NC	#415	Oklahoma	#9311	Virginia	#00106
Kentucky	#90047	Tennessee	#TN02027	EPA	#TN00012	Kentucky UST	#41		

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Non-Compliance Login Summary Report

Incident Date: 12-21-2016 10:45 am
Report number: 16-356-0251 Lab Number(s): L95427, L95429, L95431
Customer number: 06379
Customer Name: Tetra Tech EM, Inc.
Contact Name: Tetra Tech EM, Inc.
Project ID: Tetra Tech - Chromcraft

This Non-Compliance Report has been generated because proper EPA protocol was not followed for the above referenced sample(s). This means that the data generated from the analysis of this project may not be suitable for Regulatory compliance.

This report should be included with any data submitted to a Regulatory Agency. The actual problems encountered are listed below.

Description of Login Non-Compliance

☑ **Sample Temperature Non-compliant**
Cooler Temperature: 8.1, 7.6 degrees Celsius
Required Temperature: < 6 degrees Celsius

☐ **Sample Received in Improper Container**
Analysis:
Received Container:
Required Container:

☐ **Sample Improperly Preserved**
Analysis:
Received Preservative:
Required Preservative:

☐ **Sample Received Outside Holding Time** Date Received: 12-21-2016 00:00
Analysis:
Sampled Date and Time:
Required Holding Time:

Other:

Corrective Action

Client Notified: ● Yes ○ No Date Client Notified: 12/20/16 Contact Name: Todd Taylor
Client Directive:

Apporval to analyze per Todd Taylor

Initiated By: Danyale Love Project manager: Randall Thomas QAO: Richard Medina

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Sample Summary Table

Report Number: **16-356-0251**

Client Project Description: **Chromcraft**
1 Quality Dr., Senatobia, MS
Project #103902701061

Lab No	Client Sample ID	Matrix	Date Collected	Date Received	Method	Lab ID
95426	V91220161132	Solid	12/20/2016 11:32	12/21/2016	6010C	WTN
95426	V91220161132	Solid	12/20/2016 11:32	12/21/2016	7470A	WTN
95426	V91220161132	Solid	12/20/2016 11:32	12/21/2016	SW-1311	WTN
95427	V91220161132	Aqueous	12/20/2016 11:32	12/21/2016	2310B-2011	WTN
95427	V91220161132	Aqueous	12/20/2016 11:32	12/21/2016	2320B-2011	WTN
95427	V91220161132	Aqueous	12/20/2016 11:32	12/21/2016	2540B-2011	WTN
95427	V91220161132	Aqueous	12/20/2016 11:32	12/21/2016	2540D-2011	WTN
95427	V91220161132	Aqueous	12/20/2016 11:32	12/21/2016	2540F-2011	WTN
95427	V91220161132	Aqueous	12/20/2016 11:32	12/21/2016	4500CNE-2011	WTN
95427	V91220161132	Aqueous	12/20/2016 11:32	12/21/2016	4500CNG-2011	WTN
95427	V91220161132	Aqueous	12/20/2016 11:32	12/21/2016	4500H+B-2011	WTN
95427	V91220161132	Aqueous	12/20/2016 11:32	12/21/2016	4500S2G-2011	WTN
95427	V91220161132	Aqueous	12/20/2016 11:32	12/21/2016	EPA-200.7	WTN
95427	V91220161132	Aqueous	12/20/2016 11:32	12/21/2016	EPA-245.1	WTN
95427	V91220161132	Aqueous	12/20/2016 11:32	12/21/2016	EPA-300.0	WTN
95427	V91220161132	Aqueous	12/20/2016 11:32	12/21/2016	SW-7.3.4	WTN
95428	V341220161300	Solid	12/20/2016 13:00	12/21/2016	6010C	WTN
95428	V341220161300	Solid	12/20/2016 13:00	12/21/2016	7470A	WTN
95428	V341220161300	Solid	12/20/2016 13:00	12/21/2016	SW-1311	WTN
95429	V341220161300	Aqueous	12/20/2016 13:00	12/21/2016	2310B-2011	WTN
95429	V341220161300	Aqueous	12/20/2016 13:00	12/21/2016	2320B-2011	WTN
95429	V341220161300	Aqueous	12/20/2016 13:00	12/21/2016	2540B-2011	WTN
95429	V341220161300	Aqueous	12/20/2016 13:00	12/21/2016	2540D-2011	WTN
95429	V341220161300	Aqueous	12/20/2016 13:00	12/21/2016	2540F-2011	WTN
95429	V341220161300	Aqueous	12/20/2016 13:00	12/21/2016	4500CNE-2011	WTN
95429	V341220161300	Aqueous	12/20/2016 13:00	12/21/2016	4500CNG-2011	WTN

WTN: Waypoint Analytical, Inc.

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Sample Summary Table

Report Number: **16-356-0251**

Client Project Description: **Chromcraft**
1 Quality Dr., Senatobia, MS
Project #103902701061

Lab No	Client Sample ID	Matrix	Date Collected	Date Received	Method	Lab ID
95429	V341220161300	Aqueous	12/20/2016 13:00	12/21/2016	4500H+B-2011	WTN
95429	V341220161300	Aqueous	12/20/2016 13:00	12/21/2016	4500S2G-2011	WTN
95429	V341220161300	Aqueous	12/20/2016 13:00	12/21/2016	EPA-200.7	WTN
95429	V341220161300	Aqueous	12/20/2016 13:00	12/21/2016	EPA-245.1	WTN
95429	V341220161300	Aqueous	12/20/2016 13:00	12/21/2016	EPA-300.0	WTN
95429	V341220161300	Aqueous	12/20/2016 13:00	12/21/2016	SW-7.3.4	WTN
95430	V351220161320	Solid	12/20/2016 13:20	12/21/2016	6010C	WTN
95430	V351220161320	Solid	12/20/2016 13:20	12/21/2016	7470A	WTN
95430	V351220161320	Solid	12/20/2016 13:20	12/21/2016	SW-1311	WTN
95431	V351220161320	Aqueous	12/20/2016 13:20	12/21/2016	2310B-2011	WTN
95431	V351220161320	Aqueous	12/20/2016 13:20	12/21/2016	2320B-2011	WTN
95431	V351220161320	Aqueous	12/20/2016 13:20	12/21/2016	2540B-2011	WTN
95431	V351220161320	Aqueous	12/20/2016 13:20	12/21/2016	2540D-2011	WTN
95431	V351220161320	Aqueous	12/20/2016 13:20	12/21/2016	2540F-2011	WTN
95431	V351220161320	Aqueous	12/20/2016 13:20	12/21/2016	4500CNE-2011	WTN
95431	V351220161320	Aqueous	12/20/2016 13:20	12/21/2016	4500CNG-2011	WTN
95431	V351220161320	Aqueous	12/20/2016 13:20	12/21/2016	4500H+B-2011	WTN
95431	V351220161320	Aqueous	12/20/2016 13:20	12/21/2016	4500S2G-2011	WTN
95431	V351220161320	Aqueous	12/20/2016 13:20	12/21/2016	EPA-200.7	WTN
95431	V351220161320	Aqueous	12/20/2016 13:20	12/21/2016	EPA-245.1	WTN
95431	V351220161320	Aqueous	12/20/2016 13:20	12/21/2016	EPA-300.0	WTN
95431	V351220161320	Aqueous	12/20/2016 13:20	12/21/2016	SW-7.3.4	WTN

WTN: Waypoint Analytical, Inc.

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 01/13/2017
Received : 12/21/2016

Randell H. Thomas
Randy Thomas
Project Manager

Report Number : **16-356-0251**

REPORT OF ANALYSIS

Lab No : **95426**
Sample ID : **V91220161132**

Matrix: **Solid**
Sampled: **12/20/2016 11:32**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
TCLP Metals Extraction	**Filtrate**			1	01/03/17 14:07	SAJ	SW-1311

Analytical Method: 6010C **Prep Batch(es):** **L316754** 01/04/17 08:25
Prep Method: 3005A

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Arsenic	<12.5	mg/L	12.5	100	01/11/17 01:22	JTR	L317712
TCLP Barium	<12.5	mg/L	12.5	100	01/11/17 01:22	JTR	L317712
TCLP Cadmium	<2.50	mg/L	2.50	100	01/11/17 01:22	JTR	L317712
TCLP Chromium	**22.6**	mg/L	5.00	100	01/11/17 01:22	JTR	L317712
TCLP Lead	<5.00	mg/L	5.00	100	01/11/17 01:22	JTR	L317712
TCLP Selenium	<25.0	mg/L	25.0	100	01/11/17 01:22	JTR	L317712
TCLP Silver	<2.50	mg/L	2.50	100	01/11/17 01:22	JTR	L317712

Analytical Method: 7470A **Prep Batch(es):** **L316759** 01/04/17 08:45
Prep Method: 7470A

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Mercury	<0.0200	mg/L	0.0200	1	01/04/17 12:28	KKM	L316849

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 01/13/2017
Received : 12/21/2016

Randell H. Thomas
Randy Thomas
Project Manager

Report Number : **16-356-0251**

REPORT OF ANALYSIS

Lab No : **95427**
Sample ID : **V91220161132**

Matrix: **Aqueous**
Sampled: **12/20/2016 11:32**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Acidity (as CaCO3)	<100	mg/L	100	1	12/30/16 10:44	DB2	2310B-2011
Alkalinity (as CaCO3)	**72500**	mg/L	100	1	01/03/17 10:29	DB2	2320B-2011
Cyanide, Amenable	<10.0	mg/L	10.0	1000	01/02/17 12:07	EWB	4500CNG-2011
Cyanide, Total	<10.0	mg/L	10.0	1000	12/31/16 12:30	EWB	4500CNE-2011
pH	**11.2**	s.u.		1	12/21/16 14:25	WRO	4500H+B-2011
Total Settleable Solids	<0.1	mL/L	0.1	1	12/21/16 11:26	EWB	2540F-2011
Total Solids	**118000**	mg/L	33	1	12/23/16 13:46	GHD	2540B-2011
Total Suspended Solids	**307**	mg/L	9	1	12/21/16 15:10	KGL	2540D-2011
Sulfide	<25.0	mg/L	25.0	25	12/23/16 11:04	GHD	4500S2G-2011
Total Arsenic	<5.00	mg/L	5.00	100	01/11/17 01:27	JTR	EPA-200.7
Total Barium	<5.00	mg/L	5.00	100	01/11/17 01:27	JTR	EPA-200.7
Total Cadmium	<1.00	mg/L	1.00	100	01/11/17 01:27	JTR	EPA-200.7
Total Chromium	**18.8**	mg/L	2.50	100	01/11/17 01:27	JTR	EPA-200.7
Total Copper	<2.50	mg/L	2.50	100	01/11/17 01:27	JTR	EPA-200.7
Total Lead	<3.00	mg/L	3.00	100	01/11/17 01:27	JTR	EPA-200.7
Mercury (Total)	<0.00100	mg/L	0.00100	1	12/28/16 12:50	KKM	EPA-245.1
Total Selenium	<5.00	mg/L	5.00	100	01/11/17 01:27	JTR	EPA-200.7
Total Silver	<2.50	mg/L	2.50	100	01/11/17 01:27	JTR	EPA-200.7
Total Sodium	**37300**	mg/L	250	100	01/11/17 01:27	JTR	EPA-200.7
Total Zinc	<5.00	mg/L	5.00	100	01/11/17 01:27	JTR	EPA-200.7
Sulfate	**3760**	mg/L	100	100	12/28/16 13:15	BKN	EPA-300.0
Sulfide (Reactivity)	<25.0	mg/L	25.0	1	12/23/16 11:04	GHD	SW-7.3.4

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 01/13/2017
Received : 12/21/2016

Randell H. Thomas
Randy Thomas
Project Manager

Report Number : **16-356-0251**

REPORT OF ANALYSIS

Lab No : **95428**
Sample ID : **V341220161300**

Matrix: **Solid**
Sampled: **12/20/2016 13:00**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
TCLP Metals Extraction	**Filtrate**			1	01/03/17 14:07	SAJ	SW-1311

Analytical Method: 6010C **Prep Batch(es):** **L316754** 01/04/17 08:25
Prep Method: 3005A

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Arsenic	**32.9**	mg/L	12.5	100	01/12/17 23:33	JTR	L317836
TCLP Barium	<12.5	mg/L	12.5	100	01/12/17 23:33	JTR	L317836
TCLP Cadmium	<2.50	mg/L	2.50	100	01/12/17 23:33	JTR	L317836
TCLP Chromium	**42800**	mg/L	50.0	1000	01/13/17 12:56	CCR	L317919
TCLP Lead	<5.00	mg/L	5.00	100	01/13/17 12:46	CCR	L317919
TCLP Selenium	<25.0	mg/L	25.0	100	01/12/17 23:33	JTR	L317836
TCLP Silver	<2.50	mg/L	2.50	100	01/12/17 23:33	JTR	L317836

Analytical Method: 7470A **Prep Batch(es):** **L316759** 01/04/17 08:45
Prep Method: 7470A

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Mercury	**0.244**	mg/L	0.200	10	01/04/17 12:30	KKM	L316849

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 01/13/2017
Received : 12/21/2016

Randell H. Thomas
Randy Thomas
Project Manager

Report Number : **16-356-0251**

REPORT OF ANALYSIS

Lab No : **95429**
Sample ID : **V341220161300**

Matrix: **Aqueous**
Sampled: **12/20/2016 13:00**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Acidity (as CaCO3)	**76500**	mg/L	100	1	12/30/16 10:44	DB2	2310B-2011
Alkalinity (as CaCO3)	<100	mg/L	100	1	01/03/17 10:29	DB2	2320B-2011
Cyanide, Amenable	<10.0	mg/L	10.0	1000	01/02/17 12:07	EWB	4500CNG-2011
Cyanide, Total	<10.0	mg/L	10.0	1000	12/31/16 12:30	EWB	4500CNE-2011
pH	**1.2**	s.u.		1	12/21/16 14:25	WRO	4500H+B-2011
Total Settleable Solids	<0.1	mL/L	0.1	1	12/21/16 11:26	EWB	2540F-2011
Total Solids	**112000**	mg/L	58	1	12/23/16 13:46	GHD	2540B-2011
Total Suspended Solids	**5**	mg/L	2	1	12/21/16 15:10	KGL	2540D-2011
Sulfide	<25.0	mg/L	25.0	25	12/23/16 11:04	GHD	4500S2G-2011
Total Arsenic	**34.6**	mg/L	5.00	100	01/12/17 22:51	JTR	EPA-200.7
Total Barium	<5.00	mg/L	5.00	100	01/12/17 22:51	JTR	EPA-200.7
Total Cadmium	<1.00	mg/L	1.00	100	01/12/17 22:51	JTR	EPA-200.7
Total Chromium	**45700**	mg/L	25.0	1000	01/13/17 13:52	CCR	EPA-200.7
Total Copper	**424**	mg/L	2.50	100	01/12/17 22:51	JTR	EPA-200.7
Total Lead	<3.00	mg/L	3.00	100	01/13/17 13:43	CCR	EPA-200.7
Mercury (Total)	**0.361**	mg/L	0.100	500	12/28/16 13:07	KKM	EPA-245.1
Total Selenium	<5.00	mg/L	5.00	100	01/12/17 22:51	JTR	EPA-200.7
Total Silver	<2.50	mg/L	2.50	100	01/12/17 22:51	JTR	EPA-200.7
Total Sodium	**1750**	mg/L	250	100	01/12/17 22:51	JTR	EPA-200.7
Total Zinc	<5.00	mg/L	5.00	100	01/12/17 22:51	JTR	EPA-200.7
Sulfate	**6030**	mg/L	100	100	12/28/16 13:25	BKN	EPA-300.0
Sulfide (Reactivity)	<25.0	mg/L	25.0	1	12/23/16 11:04	GHD	SW-7.3.4

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 01/13/2017
Received : 12/21/2016

Randell H. Thomas
Randy Thomas
Project Manager

Report Number : **16-356-0251**

REPORT OF ANALYSIS

Lab No : **95430**
Sample ID : **V351220161320**

Matrix: **Solid**
Sampled: **12/20/2016 13:20**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
TCLP Metals Extraction	**Filtrate**			1	01/03/17 14:07	SAJ	SW-1311

Analytical Method: 6010C **Prep Batch(es):** **L316754** 01/04/17 08:25
Prep Method: 3005A

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Arsenic	**25.2**	mg/L	12.5	100	01/12/17 23:46	JTR	L317836
TCLP Barium	<12.5	mg/L	12.5	100	01/12/17 23:46	JTR	L317836
TCLP Cadmium	<2.50	mg/L	2.50	100	01/12/17 23:46	JTR	L317836
TCLP Chromium	**20600**	mg/L	5.00	100	01/12/17 23:46	JTR	L317836
TCLP Lead	<5.00	mg/L	5.00	100	01/13/17 13:14	CCR	L317919
TCLP Selenium	<25.0	mg/L	25.0	100	01/12/17 23:46	JTR	L317836
TCLP Silver	<2.50	mg/L	2.50	100	01/12/17 23:46	JTR	L317836

Analytical Method: 7470A **Prep Batch(es):** **L316759** 01/04/17 08:45
Prep Method: 7470A

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Mercury	<0.0200	mg/L	0.0200	1	01/04/17 12:40	KKM	L316849

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 01/13/2017
Received : 12/21/2016

Randell H. Thomas
Randy Thomas
Project Manager

Report Number : **16-356-0251**

REPORT OF ANALYSIS

Lab No : **95431**
Sample ID : **V351220161320**

Matrix: **Aqueous**
Sampled: **12/20/2016 13:20**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Acidity (as CaCO3)	**28500**	mg/L	100	1	12/30/16 10:44	DB2	2310B-2011
Alkalinity (as CaCO3)	<100	mg/L	100	1	01/03/17 10:29	DB2	2320B-2011
Cyanide, Amenable	<10.0	mg/L	10.0	1000	01/02/17 12:07	EWB	4500CNG-2011
Cyanide, Total	<10.0	mg/L	10.0	1000	12/31/16 12:30	EWB	4500CNE-2011
pH	**2.7**	s.u.		1	12/21/16 14:25	WRO	4500H+B-2011
Total Settleable Solids	<0.1	mL/L	0.1	1	12/22/16 09:06	EWB	2540F-2011
Total Solids	**57900**	mg/L	40	1	12/23/16 13:46	GHD	2540B-2011
Total Suspended Solids	<2	mg/L	2	1	12/21/16 16:30	KGL	2540D-2011
Sulfide	<25.0	mg/L	25.0	25	12/23/16 11:04	GHD	4500S2G-2011
Total Arsenic	<50.0	mg/L	50.0	1000	01/03/17 23:30	CCR	EPA-200.7
Total Barium	<50.0	mg/L	50.0	1000	01/03/17 23:30	CCR	EPA-200.7
Total Cadmium	<10.0	mg/L	10.0	1000	01/03/17 23:30	CCR	EPA-200.7
Total Chromium	**19500**	mg/L	25.0	1000	01/03/17 23:30	CCR	EPA-200.7
Total Copper	**237**	mg/L	0.250	10	12/30/16 03:06	CCR	EPA-200.7
Total Lead	<3.00	mg/L	3.00	100	12/30/16 04:43	CCR	EPA-200.7
Mercury (Total)	**0.0168**	mg/L	0.00200	10	12/28/16 13:09	KKM	EPA-245.1
Total Selenium	<50.0	mg/L	50.0	1000	01/03/17 23:30	CCR	EPA-200.7
Total Silver	<25.0	mg/L	25.0	1000	01/03/17 23:30	CCR	EPA-200.7
Total Sodium	**2560**	mg/L	2500	1000	01/03/17 23:30	CCR	EPA-200.7
Total Zinc	<50.0	mg/L	50.0	1000	01/03/17 23:30	CCR	EPA-200.7
Sulfate	**11000**	mg/L	100	100	12/28/16 13:35	BKN	EPA-300.0
Sulfide (Reactivity)	<25.0	mg/L	25.0	1	12/23/16 11:04	GHD	SW-7.3.4

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: **Tetra Tech EM, Inc.**
Project Description: **Chromcraft**
Report No: **16-356-0251**

QC Prep Batch: L316081
QC Prep Batch Method: EPA-200.7 (PREP)
Analysis Method: EPA-200.7
Analysis Description: Total Metals

Lab Reagent Blank LRB-L316081 Matrix: AQU

Associated Lab Samples: 95427, 95429, 95431

Parameter	Units	Blank Result	MQL	Analyzed
Total Arsenic	mg/L	< 0.010	0.010	01/12/17 22:01
Total Barium	mg/L	< 0.010	0.010	01/12/17 22:01
Total Cadmium	mg/L	< 0.0020	0.0020	01/12/17 22:01
Total Chromium	mg/L	< 0.005	0.005	01/12/17 22:01
Total Copper	mg/L	< 0.005	0.005	01/12/17 22:01
Total Lead	mg/L	< 0.006	0.006	12/29/16 01:10
Total Selenium	mg/L	< 0.010	0.010	01/12/17 22:01
Total Silver	mg/L	< 0.005	0.005	01/12/17 22:01
Total Sodium	mg/L	< 0.500	0.500	01/12/17 22:01
Total Zinc	mg/L	< 0.010	0.010	01/12/17 22:01

Laboratory Control Sample LCS-L316081

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
Total Arsenic	mg/L	0.100	0.098	98.0	85-115
Total Barium	mg/L	1.00	0.936	93.6	85-115
Total Cadmium	mg/L	0.100	0.0968	96.8	85-115
Total Chromium	mg/L	1.00	1.05	105	85-115
Total Copper	mg/L	1.00	0.917	91.7	85-115
Total Lead	mg/L	0.100	0.095	95.0	85-115
Total Selenium	mg/L	0.100	0.093	93.0	85-115
Total Silver	mg/L	0.100	0.099	99.0	85-115
Total Sodium	mg/L	10.0	9.76	97.6	85-115
Total Zinc	mg/L	1.00	0.962	96.2	85-115

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: Tetra Tech EM, Inc.
Project Description: Chromcraft
Report No: 16-356-0251

QC Prep Batch: L316081
QC Prep Batch Method: EPA-200.7 (PREP)
Analysis Method: EPA-200.7
Analysis Description: Total Metals

Matrix Spike & Matrix Spike Duplicate L 95431-MS-L316081 L 95431-MSD-L316081

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
Total Arsenic	mg/L	< 50.0	0.500	0.500	27.6	27.6	0.0*	0.0*	70-130	0.0	20.0
Total Barium	mg/L	< 0.500	5.00	5.00	5.38	5.39	108	108	70-130	0.1	20.0
Total Cadmium	mg/L	0.135	0.500	0.500	0.730	0.720	119	117	70-130	1.3	20.0
Total Chromium	mg/L	19600	5.00	5.00	20600	20200	20000*	12000*	70-130	1.9	20.0
Total Copper	mg/L	237	5.00	5.00	261	254	480*	340*	70-130	2.7	20.0
Total Lead	mg/L	< 3.00	0.500	0.500	1.97	1.97	0.0*	0.0*	70-130	0.0	20.0
Total Selenium	mg/L	< 0.500	0.500	0.500	0.318	0.318	0.0*	0.0*	70-130	0.0	20.0
Total Silver	mg/L	< 0.250	0.500	0.500	0.575	0.575	115	115	70-130	0.0	20.0
Total Sodium	mg/L	2720	50.0	50.0	2920	2840	400*	240*	70-130	2.7	20.0
Total Zinc	mg/L	8.55	5.00	5.00	12.7	12.6	83.0	81.0	70-130	0.7	20.0

Post Digestion Spike L 95431-PDS-L316081

Parameter	Units	PDS Result	% Recovery	Analyzed
Total Arsenic	mg/L	1.20	96.0	01/03/17 23:40
Total Barium	mg/L	13.2	105	12/30/16 03:16
Total Cadmium	mg/L	1.32	105	12/30/16 03:16
Total Chromium	mg/L	108	97.5	12/30/16 04:52
Total Copper	mg/L	24.0	98.5	12/30/16 03:16
Total Lead	mg/L	1.25	100	12/30/16 03:16
Total Selenium	mg/L	1.26	101	12/30/16 03:16
Total Silver	mg/L	1.28	102	12/30/16 03:16
Total Sodium	mg/L	256	98.0	12/30/16 03:16
Total Zinc	mg/L	12.1	96.5	12/30/16 04:52

* QC Fail

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: **Tetra Tech EM, Inc.**
Project Description: **Chromcraft**
Report No: **16-356-0251**

QC Prep Batch: L316094 **Analysis Method:** EPA-245.1
QC Prep Batch Method: EPA-245.1 (PREP) **Analysis Description:** Mercury

Lab Reagent Blank LRB-L316094 Matrix: AQU

Associated Lab Samples: 95427, 95429, 95431

Parameter	Units	Blank Result	MQL	Analyzed
Mercury (Total)	mg/L	< 0.00020	0.00020	12/28/16 12:20

Laboratory Control Sample LCS-L316094

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
Mercury (Total)	mg/L	0.00400	0.00430	108	85-115

Matrix Spike & Matrix Spike Duplicate L 96182-MS-L316094 L 96182-MSD-L316094

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
Mercury (Total)	mg/L	< 0.00020	0.00400	0.00400	0.00430	0.00401	108	100	70-130	6.9	20.0

Post Digestion Spike L 96182-PDS-L316094

Parameter	Units	PDS Result	% Recovery	Analyzed
Mercury (Total)	mg/L	0.00509	102	12/28/16 13:06

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: **Tetra Tech EM, Inc.**
Project Description: **Chromcraft**
Report No: **16-356-0251**

QC Prep Batch: L316321
QC Prep Batch Method: EPA-300.0 (PREP)
Analysis Method: EPA-300.0
Analysis Description: Anions by Ion Chromatography

Lab Reagent Blank LRB-L316321 Matrix: AQU

Associated Lab Samples: 95427, 95429, 95431

Parameter	Units	Blank Result	MQL	Analyzed
Sulfate	mg/L	< 1.00	1.00	12/28/16 08:55

Laboratory Control Sample LCS-L316321

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
Sulfate	mg/L	69.4	69.0	99.3	90-110

Matrix Spike & Matrix Spike Duplicate L 96588-MS-L316321 L 96588-MSD-L316321

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
Sulfate	mg/L	2.21	69.4	69.4	72.6	72.8	101	102	80-120	0.2	20.0

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: **Tetra Tech EM, Inc.**
Project Description: **Chromcraft**
Report No: **16-356-0251**

QC Prep Batch: L316484
QC Prep Batch Method: SM-2310B
Analysis Method: 2310B-2011
Analysis Description: Acidity

Duplicate L 95415-DUP

Parameter	Units	Result	DUP Result	RPD	Max RPD	Analyzed
Acidity (as CaCO3)	mg/L	< 100	< 100	0.0	15	12/30/16 10:44

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: **Tetra Tech EM, Inc.**
Project Description: **Chromcraft**
Report No: **16-356-0251**

QC Prep Batch: L316628
QC Prep Batch Method: SM-2320 B
Analysis Method: 2320B-2011
Analysis Description: Alkalinity

Duplicate L 95406-DUP

Parameter	Units	Result	DUP Result	RPD	Max RPD	Analyzed
Alkalinity (as CaCO3)	mg/L	700	700	0.0	10	01/03/17 10:29

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: **Tetra Tech EM, Inc.**
Project Description: **Chromcraft**
Report No: **16-356-0251**

QC Prep Batch: L316020
QC Prep Batch Method: SM-2540B
Analysis Method: 2540B-2011
Analysis Description: Total Solids

Lab Reagent Blank LRB Matrix: AQU

Associated Lab Samples: 95427, 95429, 95431

Parameter	Units	Blank Result	MQL	Analyzed
Total Solids	mg/L	< 10	10	12/23/16 13:46

Laboratory Control Sample LCS

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
Total Solids	mg/L	250	228	91.2	90-110

Duplicate L 95427-DUP

Parameter	Units	Result	DUP Result	RPD	Max RPD	Analyzed
Total Solids	mg/L	118000	213000	57.4*	10	12/23/16 13:46

* QC Fail

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: Tetra Tech EM, Inc.
Project Description: Chromcraft
Report No: 16-356-0251

QC Prep Batch: L315671 **Analysis Method:** 2540D-2011
QC Prep Batch Method: SM-2540D **Analysis Description:** Total Suspended Solids

Lab Reagent Blank LRB Matrix: AQU

Associated Lab Samples: 95427, 95429

Parameter	Units	Blank Result	MQL	Analyzed
Total Suspended Solids	mg/L	< 2	2	12/21/16 15:10

Duplicate L 95429-DUP

Parameter	Units	Result	DUP Result	RPD	Max RPD	Analyzed
Total Suspended Solids	mg/L	5	4	22.2*	10	12/21/16 15:10

QC Prep Batch: L315716 **Analysis Method:** 2540D-2011
QC Prep Batch Method: SM-2540D **Analysis Description:** Total Suspended Solids

Lab Reagent Blank LRB Matrix: AQU

Associated Lab Samples: 95431

Parameter	Units	Blank Result	MQL	Analyzed
Total Suspended Solids	mg/L	< 2	2	12/21/16 16:30

Duplicate L 95571-DUP

Parameter	Units	Result	DUP Result	RPD	Max RPD	Analyzed
Total Suspended Solids	mg/L	< 5	< 5	0.0	10	12/21/16 16:30

* QC Fail

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: **Tetra Tech EM, Inc.**
Project Description: **Chromcraft**
Report No: **16-356-0251**

QC Prep Batch: L316535
QC Prep Batch Method: SM-4500CNE
Analysis Method: 4500CNE-2011
Analysis Description: Total Cyanide

Lab Reagent Blank LRB Matrix: AQU

Associated Lab Samples: 95427, 95429, 95431

Parameter	Units	Blank Result	MQL	Analyzed
Cyanide, Total	mg/L	< 0.005	0.005	12/31/16 12:30

Laboratory Control Sample LCS

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
Cyanide, Total	mg/L	0.200	0.190	95.0	90-110

Duplicate L 95811-DUP

Parameter	Units	Result	DUP Result	RPD	Max RPD	Analyzed
Cyanide, Total	mg/L	0.225	0.213	5.4	20.0	12/31/16 12:30

Matrix Spike L 95811-MS

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	%Rec Limits	RPD	Max RPD
Cyanide, Total	mg/L	0.225	0.200		0.389		82.0	70-130		

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: **Tetra Tech EM, Inc.**
Project Description: **Chromcraft**
Report No: **16-356-0251**

QC Prep Batch: L316006 **Analysis Method:** 4500S2G-2011
QC Prep Batch Method: SM-4500S2G **Analysis Description:** Sulfide by ISE

Lab Reagent Blank LRB Matrix: AQU

Associated Lab Samples: 95427, 95429, 95431

Parameter	Units	Blank Result	MQL	Analyzed
Sulfide	mg/L	< 1.00	1.00	12/23/16 11:04

Laboratory Control Sample LCS

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
Sulfide	mg/L	5.01	4.58	91.4	80-120

Duplicate G 88977-DUP

Parameter	Units	Result	DUP Result	RPD	Max RPD	Analyzed
Sulfide	mg/L	< 1.00	< 1.00	0.0	20.0	12/23/16 11:04

Matrix Spike G 88977-MS

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	%Rec Limits	RPD	Max RPD
Sulfide	mg/L	< 1.02	2.04		1.98		97.0	70-130		

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: Tetra Tech EM, Inc.
Project Description: Chromcraft
Report No: 16-356-0251

QC Prep Batch: L316754
QC Prep Batch Method: 3005A
Analysis Method: 6010C
Analysis Description: Metals Analysis (TCLP)

Lab Reagent Blank LRB-L316754 Matrix: TCL

Associated Lab Samples: 95426, 95428, 95430

Parameter	Units	Blank Result	MQL	Analyzed
TCLP Arsenic	mg/L	< 0.025	0.025	01/12/17 23:00
TCLP Barium	mg/L	< 0.025	0.025	01/12/17 23:00
TCLP Cadmium	mg/L	< 0.005	0.005	01/12/17 23:00
TCLP Chromium	mg/L	< 0.010	0.010	01/13/17 14:29
TCLP Lead	mg/L	< 0.010	0.010	01/13/17 14:29
TCLP Selenium	mg/L	< 0.050	0.050	01/12/17 23:00
TCLP Silver	mg/L	< 0.005	0.005	01/12/17 23:00

Laboratory Control Sample LCS-L316754

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
TCLP Arsenic	mg/L	0.100	0.099	99.0	80-120
TCLP Barium	mg/L	1.00	0.956	95.6	80-120
TCLP Cadmium	mg/L	0.100	0.098	98.0	80-120
TCLP Chromium	mg/L	1.00	1.05	105	80-120
TCLP Lead	mg/L	0.100	0.104	104	80-120
TCLP Selenium	mg/L	0.100	0.094	94.0	80-120
TCLP Silver	mg/L	0.100	0.098	98.0	80-120

Matrix Spike & Matrix Spike Duplicate L 96956-MS-L316754 L 96956-MSD-L316754

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
TCLP Arsenic	mg/L	< 0.025	0.500	0.500	0.517	0.502	103	100	75-125	2.9	20.0
TCLP Barium	mg/L	1.53	5.00	5.00	6.35	6.20	96.4	93.4	75-125	2.3	20.0
TCLP Cadmium	mg/L	< 0.005	0.500	0.500	0.496	0.480	99.2	96.0	75-125	3.2	20.0
TCLP Chromium	mg/L	0.025	5.00	5.00	4.89	4.74	97.3	94.3	75-125	3.1	20.0
TCLP Lead	mg/L	< 0.010	0.500	0.500	0.478	0.465	95.6	93.0	75-125	2.7	20.0

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: **Tetra Tech EM, Inc.**
Project Description: **Chromcraft**
Report No: **16-356-0251**

QC Prep Batch: L316754
QC Prep Batch Method: 3005A
Analysis Method: 6010C
Analysis Description: Metals Analysis (TCLP)

Matrix Spike & Matrix Spike Duplicate L 96956-MS-L316754 L 96956-MSD-L316754

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
TCLP Selenium	mg/L	< 0.050	0.500	0.500	0.551	0.535	110	107	75-125	2.9	20.0
TCLP Silver	mg/L	< 0.005	0.500	0.500	0.502	0.506	100	101	75-125	0.7	20.0

Post Digestion Spike L 96956-PDS-L316754

Parameter	Units	PDS Result	% Recovery	Analyzed
TCLP Arsenic	mg/L	0.249	99.9	01/05/17 03:06
TCLP Barium	mg/L	3.19	97.7	01/05/17 03:06
TCLP Cadmium	mg/L	0.248	99.4	01/05/17 03:06
TCLP Chromium	mg/L	2.51	99.7	01/05/17 03:06
TCLP Lead	mg/L	0.249	99.6	01/06/17 13:15
TCLP Selenium	mg/L	0.258	103	01/05/17 03:06
TCLP Silver	mg/L	0.254	102	01/05/17 03:06

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: **Tetra Tech EM, Inc.**
Project Description: **Chromcraft**
Report No: **16-356-0251**

QC Prep Batch: L316759 **Analysis Method:** 7470A
QC Prep Batch Method: 7470A **Analysis Description:** Total Aqueous Mercury Analysis - CVA

Lab Reagent Blank LRB-L316759 Matrix: TCL

Associated Lab Samples: 95426, 95428, 95430

Parameter	Units	Blank Result	MQL	Analyzed
TCLP Mercury	mg/L	< 0.0010	0.0010	01/04/17 12:15

Laboratory Control Sample LCS-L316759

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
TCLP Mercury	mg/L	0.0040	0.0040	100	80-120

Matrix Spike & Matrix Spike Duplicate L 96956-MS-L316759 L 96956-MSD-L316759

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
TCLP Mercury	mg/L	< 0.0200	0.0800	0.0800	0.0816	0.0834	102	104	80-120	2.1	20.0

Post Digestion Spike L 96956-PDS-L316759

Parameter	Units	PDS Result	% Recovery	Analyzed
TCLP Mercury	mg/L	0.104	104	01/04/17 12:48

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Cooler Receipt Form

Customer Number: **06379**
Customer Name: **Tetra Tech EM, Inc.**
Report Number: **16-356-0251**

Shipping Method

○ Fed Ex ○ US Postal ○ Lab ○ Other :
○ UPS ● Client ○ Courier Thermometer ID: #10

Shipping container/cooler uncompromised?	● Yes	○ No	
Number of coolers received	2		
Custody seals intact on shipping container/cooler?	○ Yes	○ No	● Not Required
Custody seals intact on sample bottles?	○ Yes	○ No	● Not Required
Chain of Custody (COC) present?	● Yes	○ No	
COC agrees with sample label(s)?	● Yes	○ No	
COC properly completed	● Yes	○ No	
Samples in proper containers?	● Yes	○ No	
Sample containers intact?	● Yes	○ No	
Sufficient sample volume for indicated test(s)?	● Yes	○ No	
All samples received within holding time?	● Yes	○ No	
Cooler temperature in compliance?	○ Yes	● No	
Cooler/Samples arrived at the laboratory on ice. Samples were considered acceptable as cooling process had begun.	● Yes	○ No	
Water - Sample containers properly preserved	● Yes	○ No	○ N/A
Water - VOA vials free of headspace	○ Yes	○ No	● N/A
Trip Blanks received with VOAs	○ Yes	○ No	● N/A
Soil VOA method 5035 – compliance criteria met	○ Yes	○ No	● N/A

☐ High concentration container (48 hr) ☐ Low concentration EnCore samplers (48 hr)
☐ High concentration pre-weighed (methanol -14 d) ☐ Low conc pre-weighed vials (Sod Bis -14 d)

Special precautions or instructions included?	○ Yes	● No

Comments: Cooler temps @ 8.1 & 7.6 degrees C

Any regulatory non-compliance issues will be recorded on non-compliance report.

Signature: Danyale Love Date & Time: 12/21/2016 10:40:21

Waypoint ANALYTICAL

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440

Kit ID:	0000074505
Initiated By:	Randy Thomas
Project Commment	

CHAIN-OF-CUSTOD

Tetra Tech EM, Inc.
Chromcraft

16-356-0251
06379
12-21-2016
10:39:26

Company Name	Company Number	Client Project Manager/Contact	Purchase Order Number
Tetra Tech EM, Inc.	06379	Tetra Tech EM, Inc.	
Site Name Chrome Craft	**Project Number** 103X902701061	☐ RUSH – Additional charges apply ☐ Special Detection Limits(s) Date Results Needed	**Method of Shipment** ☐ Fed Ex ☐ UPS ☐ USPS ☐ Courier ☒ Client Drop Off Other
LIMS Project ID Tetra Tech - Chromcraft	**Project Manager Phone #** Todd Taylor 615-992-5556 (687) 775-3104	**Project Manager Email** Todd.taylor@tetratech.com	**Site/Facility ID #**

Date	Time	Sample ID	Matrix	Grab/ Comp	# of Cont	Container Type	Preservation	Analyses
12/20/16	11:32	V91220161132	Aqueous	G	3	Plastic - Quart	NONE	TCLP Metals/TSS/TS/SS/SO4/pH/Alk/Acid
12/20/16	11:32	V91220161132	Aqueous	G	1	Plastic - Pint	NaOH - Sodium Hydroxide	CNA/CNT
12/20/16	11:32	V91220161132	Aqueous	G	1	Plastic - Pint	HNO3 - Nitric Acid	RCRA Metals/Cu/Na/Zn
12/20/16	11:32	V91220161132	Aqueous	G	1	Plastic - Pint	ZnAc+NaOH - Zinc Acetate+Sodium Hydroxide	Total & React Sulfide
12/20/16	13:00	V34122016 1300	Aqueous	G	3	Plastic - Quart	NONE	TCLP Metals/TSS/TS/SS/SO4/pH/Alk/Acid
12/20/16	13:00	V34122016 1300	Aqueous	G	1	Plastic - Pint	NaOH - Sodium Hydroxide	CNA/CNT
12/20/16	1300	V34122016 1300	Aqueous	G	1	Plastic - Pint	HNO3 - Nitric Acid	RCRA Metals/Cu/Na/Zn

For Laboratory Use Only			Sampled by (Name - Print)	Client Remarks/Comments		
Ice Y/N	Custody Seals Y/N	Lab Comments	Todd Taylor			
		Approval to analyze per Todd Taylor 02 12/21/16	Relinquished by: (SIGNATURE) Todd Taylor	Date Time 12/20/16	Received by: (SIGNATURE)	Date Time
			Relinquished by: (SIGNATURE)	Date Time	Received by: (SIGNATURE)	Date Time
Blank/Cooler Temp 8.1, 7.6 °C TIUBS			Relinquished by: (SIGNATURE)	Date Time	Received by: (SIGNATURE) S. Cook	Date Time 12/20/16 1830

1/3

Waypoint ANALYTICAL

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypoint

Kit ID:	0000074505
Initiated By:	Randy Thomas
Project Commment	

CHAIN-OF-CUSTOD

16-356-0251
06379
12-21-2016
10:39:26
Tetra Tech EM. Inc.
Chromcraft

Company Name	Company Number	Client Project Manager/Contact	Purchase Order Number
Tetra Tech EM, Inc.	06379	Tetra Tech EM, Inc.	
Site Name	**Project Number**	☐ RUSH – Additional charges apply ☐ Special Detection Limits(s) Date Results Needed	**Method of Shipment** ☐ Fed Ex ☐ UPS ☐ USPS ☐ Courier ☑ Client Drop Off Other
Chrome Craft	103X902701061		
LIMS Project ID	**Project Manager Phone #**	**Project Manager Email**	**Site/Facility ID #**
Tetra Tech - Chromcraft	Todd Taylor 615-992-5556 (687) 775-3104	todd.Taylor@tetratech.com	

Date	Time	Sample ID	Matrix	Grab/ Comp	# of Cont	Container Type	Preservation	Analyses
12/20/16	13:00	V341220161300	Aqueous	G	1	Plastic - Pint	ZnAc+NaOH - Zinc Acetate+Sodium Hydroxide	Total & React Sulfide
12/20/16	13:20	V351220161320	Aqueous	G	3	Plastic - Quart	NONE	TCLP Metals/TSS/TS/SS/SO4/pH/Alk/Acid
12/20/16	13:20	V351220161320	Aqueous	G	1	Plastic - Pint	NaOH - Sodium Hydroxide	CNA/CNT
12/20/16	13:20	V351220161320	Aqueous	G	1	Plastic - Pint	HNO3 - Nitric Acid	RCRA Metals/Cu/Na/Zn
12/20/16	13:20	V351220161320	Aqueous	G	1	Plastic - Pint	ZnAc+NaOH - Zinc Acetate+Sodium Hydroxide	Total & React Sulfide
			Aqueous	G	3	Plastic - Quart	NONE	TCLP Metals/TSS/TS/SS/SO4/pH/Alk/Acid
			Aqueous	G	1	Plastic - Pint	NaOH - Sodium Hydroxide	CNA/CNT

For Laboratory Use Only			Sampled by (Name - Print)	Client Remarks/Comments			
Ice Y/N	Custody Seals Y/N	Lab Comments	Todd Taylor				
			Relinquished by: (SIGNATURE)	Date Time	Received by: (SIGNATURE)	Date Time	
			Todd Taylor	12/20/16			
Blank/Cooler Temp			Relinquished by: (SIGNATURE)	Date Time	Received by: (SIGNATURE)	Date Time	
8.1, 7.6°C TIO BS			Relinquished by: (SIGNATURE)	Date Time	Received by: (SIGNATURE)	Date Time	
					12/20/16 1830		

2/3

Report Nu	Sample Id	Project Na	Brand Nick	Lab Name	Lab Numbe	Matrix Typ	Sampled D	Received D	Prep date/
16-356-02	V9122016	Chromcraf	WTN	Waypoint	95426	TCLP	########	########	
16-356-02	V9122016	Chromcraf	WTN	Waypoint	95426	TCLP	########	########	
16-356-02	V9122016	Chromcraf	WTN	Waypoint	95426	TCLP	########	########	
16-356-02	V9122016	Chromcraf	WTN	Waypoint	95426	TCLP	########	########	
16-356-02	V9122016	Chromcraf	WTN	Waypoint	95426	TCLP	########	########	
16-356-02	V9122016	Chromcraf	WTN	Waypoint	95426	TCLP	########	########	
16-356-02	V9122016	Chromcraf	WTN	Waypoint	95426	TCLP	########	########	
16-356-02	V9122016	Chromcraf	WTN	Waypoint	95426	TCLP	########	########	
16-356-02	V9122016	Chromcraf	WTN	Waypoint	95426	TCLP	########	########	
16-356-02	V9122016	Chromcraf	WTN	Waypoint	95427	Aqueous	########	########	
16-356-02	V9122016	Chromcraf	WTN	Waypoint	95427	Aqueous	########	########	
16-356-02	V9122016	Chromcraf	WTN	Waypoint	95427	Aqueous	########	########	
16-356-02	V9122016	Chromcraf	WTN	Waypoint	95427	Aqueous	########	########	
16-356-02	V9122016	Chromcraf	WTN	Waypoint	95427	Aqueous	########	########	
16-356-02	V9122016	Chromcraf	WTN	Waypoint	95427	Aqueous	########	########	
16-356-02	V9122016	Chromcraf	WTN	Waypoint	95427	Aqueous	########	########	
16-356-02	V9122016	Chromcraf	WTN	Waypoint	95427	Aqueous	########	########	
16-356-02	V9122016	Chromcraf	WTN	Waypoint	95427	Aqueous	########	########	
16-356-02	V9122016	Chromcraf	WTN	Waypoint	95427	Aqueous	########	########	
16-356-02	V9122016	Chromcraf	WTN	Waypoint	95427	Aqueous	########	########	
16-356-02	V9122016	Chromcraf	WTN	Waypoint	95427	Aqueous	########	########	
16-356-02	V9122016	Chromcraf	WTN	Waypoint	95427	Aqueous	########	########	
16-356-02	V9122016	Chromcraf	WTN	Waypoint	95427	Aqueous	########	########	
16-356-02	V9122016	Chromcraf	WTN	Waypoint	95427	Aqueous	########	########	
16-356-02	V9122016	Chromcraf	WTN	Waypoint	95427	Aqueous	########	########	
16-356-02	V9122016	Chromcraf	WTN	Waypoint	95427	Aqueous	########	########	
16-356-02	V9122016	Chromcraf	WTN	Waypoint	95427	Aqueous	########	########	
16-356-02	V9122016	Chromcraf	WTN	Waypoint	95427	Aqueous	########	########	
16-356-02	V9122016	Chromcraf	WTN	Waypoint	95427	Aqueous	########	########	
16-356-02	V9122016	Chromcraf	WTN	Waypoint	95427	Aqueous	########	########	
16-356-02	V9122016	Chromcraf	WTN	Waypoint	95427	Aqueous	########	########	
16-356-02	V3412201	Chromcraf	WTN	Waypoint	95428	TCLP	########	########	
16-356-02	V3412201	Chromcraf	WTN	Waypoint	95428	TCLP	########	########	
16-356-02	V3412201	Chromcraf	WTN	Waypoint	95428	TCLP	########	########	
16-356-02	V3412201	Chromcraf	WTN	Waypoint	95428	TCLP	########	########	
16-356-02	V3412201	Chromcraf	WTN	Waypoint	95428	TCLP	########	########	
16-356-02	V3412201	Chromcraf	WTN	Waypoint	95428	TCLP	########	########	
16-356-02	V3412201	Chromcraf	WTN	Waypoint	95428	TCLP	########	########	
16-356-02	V3412201	Chromcraf	WTN	Waypoint	95428	TCLP	########	########	
16-356-02	V3412201	Chromcraf	WTN	Waypoint	95428	TCLP	########	########	
16-356-02	V3412201	Chromcraf	WTN	Waypoint	95429	Aqueous	########	########	
16-356-02	V3412201	Chromcraf	WTN	Waypoint	95429	Aqueous	########	########	
16-356-02	V3412201	Chromcraf	WTN	Waypoint	95429	Aqueous	########	########	
16-356-02	V3412201	Chromcraf	WTN	Waypoint	95429	Aqueous	########	########	
16-356-02	V3412201	Chromcraf	WTN	Waypoint	95429	Aqueous	########	########	
16-356-02	V3412201	Chromcraf	WTN	Waypoint	95429	Aqueous	########	########	

16-356-02	V3412201	Chromcraf WTN	Waypoint	95429	Aqueous	########	########
16-356-02	V3412201	Chromcraf WTN	Waypoint	95429	Aqueous	########	########
16-356-02	V3412201	Chromcraf WTN	Waypoint	95429	Aqueous	########	########
16-356-02	V3412201	Chromcraf WTN	Waypoint	95429	Aqueous	########	########
16-356-02	V3412201	Chromcraf WTN	Waypoint	95429	Aqueous	########	########
16-356-02	V3412201	Chromcraf WTN	Waypoint	95429	Aqueous	########	########
16-356-02	V3412201	Chromcraf WTN	Waypoint	95429	Aqueous	########	########
16-356-02	V3412201	Chromcraf WTN	Waypoint	95429	Aqueous	########	########
16-356-02	V3412201	Chromcraf WTN	Waypoint	95429	Aqueous	########	########
16-356-02	V3412201	Chromcraf WTN	Waypoint	95429	Aqueous	########	########
16-356-02	V3412201	Chromcraf WTN	Waypoint	95429	Aqueous	########	########
16-356-02	V3412201	Chromcraf WTN	Waypoint	95429	Aqueous	########	########
16-356-02	V3412201	Chromcraf WTN	Waypoint	95429	Aqueous	########	########
16-356-02	V3412201	Chromcraf WTN	Waypoint	95429	Aqueous	########	########
16-356-02	V3412201	Chromcraf WTN	Waypoint	95429	Aqueous	########	########
16-356-02	V3412201	Chromcraf WTN	Waypoint	95429	Aqueous	########	########
16-356-02	V3512201	Chromcraf WTN	Waypoint	95430	TCLP	########	########
16-356-02	V3512201	Chromcraf WTN	Waypoint	95430	TCLP	########	########
16-356-02	V3512201	Chromcraf WTN	Waypoint	95430	TCLP	########	########
16-356-02	V3512201	Chromcraf WTN	Waypoint	95430	TCLP	########	########
16-356-02	V3512201	Chromcraf WTN	Waypoint	95430	TCLP	########	########
16-356-02	V3512201	Chromcraf WTN	Waypoint	95430	TCLP	########	########
16-356-02	V3512201	Chromcraf WTN	Waypoint	95430	TCLP	########	########
16-356-02	V3512201	Chromcraf WTN	Waypoint	95430	TCLP	########	########
16-356-02	V3512201	Chromcraf WTN	Waypoint	95430	TCLP	########	########
16-356-02	V3512201	Chromcraf WTN	Waypoint	95431	Aqueous	########	########
16-356-02	V3512201	Chromcraf WTN	Waypoint	95431	Aqueous	########	########
16-356-02	V3512201	Chromcraf WTN	Waypoint	95431	Aqueous	########	########
16-356-02	V3512201	Chromcraf WTN	Waypoint	95431	Aqueous	########	########
16-356-02	V3512201	Chromcraf WTN	Waypoint	95431	Aqueous	########	########
16-356-02	V3512201	Chromcraf WTN	Waypoint	95431	Aqueous	########	########
16-356-02	V3512201	Chromcraf WTN	Waypoint	95431	Aqueous	########	########
16-356-02	V3512201	Chromcraf WTN	Waypoint	95431	Aqueous	########	########
16-356-02	V3512201	Chromcraf WTN	Waypoint	95431	Aqueous	########	########
16-356-02	V3512201	Chromcraf WTN	Waypoint	95431	Aqueous	########	########
16-356-02	V3512201	Chromcraf WTN	Waypoint	95431	Aqueous	########	########
16-356-02	V3512201	Chromcraf WTN	Waypoint	95431	Aqueous	########	########
16-356-02	V3512201	Chromcraf WTN	Waypoint	95431	Aqueous	########	########
16-356-02	V3512201	Chromcraf WTN	Waypoint	95431	Aqueous	########	########
16-356-02	V3512201	Chromcraf WTN	Waypoint	95431	Aqueous	########	########
16-356-02	V3512201	Chromcraf WTN	Waypoint	95431	Aqueous	########	########
16-356-02	V3512201	Chromcraf WTN	Waypoint	95431	Aqueous	########	########
16-356-02	V3512201	Chromcraf WTN	Waypoint	95431	Aqueous	########	########
16-356-02	V3512201	Chromcraf WTN	Waypoint	95431	Aqueous	########	########
16-356-02	V3512201	Chromcraf WTN	Waypoint	95431	Aqueous	########	########
16-356-02	V3512201	Chromcraf WTN	Waypoint	95431	Aqueous	########	########
16-356-02	V3512201	Chromcraf WTN	Waypoint	95431	Aqueous	########	########

DateTime	CAS Numb	Analyte De	Result	Unit of Me	Qualifier	Dilution Fa	Quantitatio	Method
########	7440-38-2	TCLP Arser	<12.5	mg/L		100	12.5	SW-6010C (TCLP)
########	7440-39-3	TCLP Bariu	<12.5	mg/L		100	12.5	SW-6010C (TCLP)
########	7440-43-9	TCLP Cadm	<2.50	mg/L		100	2.5	SW-6010C (TCLP)
########	7440-47-3	TCLP Chro	22.6	mg/L		100	5	SW-6010C (TCLP)
########	7439-92-1	TCLP Lead	<5.00	mg/L		100	5	SW-6010C (TCLP)
########	7439-97-6	TCLP Merc	<0.0200	mg/L		1	0.02	SW-7470A (TCLP)
########		TCLP Meta	Filtrate			1		SW-1311
########	7782-49-2	TCLP Selen	<25.0	mg/L		100	25	SW-6010C (TCLP)
########	7440-22-4	TCLP Silver	<2.50	mg/L		100	2.5	SW-6010C (TCLP)
########		Acidity (as	<100	mg/L		1	100	SM-2310B
########	Alkalinity	Alkalinity (	72500	mg/L		1	100	SM-2320 B
########	57-12-5	Cyanide Ar	<10.0	mg/L		1000	10	SM-4500CNG
########	57-12-5	Cyanide Tc	<10.0	mg/L		1000	10	SM-4500CNE
########	7439-97-6	Mercury (T	<0.00100	mg/L		1	0.001	EPA-245.1
########	PHLAB	pH	11.2	s.u.				SM-4500H+B
########	14808-79-8	Sulfate	3760	mg/L		100	100	EPA-300.0
########		Sulfide	<25.0	mg/L		25	25	SM-4500S2G
########		Sulfide (Re	<25.0	mg/L			25	SW-7.3.4
########	7440-38-2	Total Arser	<5.00	mg/L		100	5	EPA-200.7
########	7440-39-3	Total Bariu	<5.00	mg/L		100	5	EPA-200.7
########	7440-43-9	Total Cadm	<1.00	mg/L		100	1	EPA-200.7
########	7440-47-3	Total Chro	18.8	mg/L		100	2.5	EPA-200.7
########	7440-50-8	Total Copp	<2.50	mg/L		100	2.5	EPA-200.7
########	7439-92-1	Total Lead	<3.00	mg/L		100	3	EPA-200.7
########	7782-49-2	Total Seler	<5.00	mg/L		100	5	EPA-200.7
########		Total Settle	<0.1	mL/L		1	0.1	SM-2540F
########	7440-22-4	Total Silver	<2.50	mg/L		100	2.5	EPA-200.7
########	7440-23-5	Total Sodiu	37300	mg/L		100	250	EPA-200.7
########		Total Solid	118000	mg/L		1	33	SM-2540B
########		Total Suspe	307	mg/L		1	9	SM-2540D
########	7440-66-6	Total Zinc	<5.00	mg/L		100	5	EPA-200.7
########	7440-38-2	TCLP Arser	32.9	mg/L		100	12.5	SW-6010C (TCLP)
########	7440-39-3	TCLP Bariu	<12.5	mg/L		100	12.5	SW-6010C (TCLP)
########	7440-43-9	TCLP Cadm	<2.50	mg/L		100	2.5	SW-6010C (TCLP)
########	7440-47-3	TCLP Chro	42800	mg/L		1000	50	SW-6010C (TCLP)
########	7439-92-1	TCLP Lead	<5.00	mg/L		100	5	SW-6010C (TCLP)
########	7439-97-6	TCLP Merc	0.244	mg/L		10	0.2	SW-7470A (TCLP)
########		TCLP Meta	Filtrate			1		SW-1311
########	7782-49-2	TCLP Selen	<25.0	mg/L		100	25	SW-6010C (TCLP)
########	7440-22-4	TCLP Silver	<2.50	mg/L		100	2.5	SW-6010C (TCLP)
########		Acidity (as	76500	mg/L		1	100	SM-2310B
########	Alkalinity	Alkalinity (	<100	mg/L		1	100	SM-2320 B
########	57-12-5	Cyanide Ar	<10.0	mg/L		1000	10	SM-4500CNG
########	57-12-5	Cyanide Tc	<10.0	mg/L		1000	10	SM-4500CNE
########	7439-97-6	Mercury (T	0.361	mg/L		500	0.1	EPA-245.1
########	PHLAB	pH	1.2	s.u.				SM-4500H+B

########	14808-79-8	Sulfate	6030	mg/L	100	100	EPA-300.0
########		Sulfide	<25.0	mg/L	25	25	SM-4500S2G
########		Sulfide (Re	<25.0	mg/L		25	SW-7.3.4
########	7440-38-2	Total Arser	34.6	mg/L	100	5	EPA-200.7
########	7440-39-3	Total Bariu	<5.00	mg/L	100	5	EPA-200.7
########	7440-43-9	Total Cadm	<1.00	mg/L	100	1	EPA-200.7
########	7440-47-3	Total Chro	45700	mg/L	1000	25	EPA-200.7
########	7440-50-8	Total Copp	424	mg/L	100	2.5	EPA-200.7
########	7439-92-1	Total Lead	<3.00	mg/L	100	3	EPA-200.7
########	7782-49-2	Total Seler	<5.00	mg/L	100	5	EPA-200.7
########		Total Settle	<0.1	mL/L	1	0.1	SM-2540F
########	7440-22-4	Total Silver	<2.50	mg/L	100	2.5	EPA-200.7
########	7440-23-5	Total Sodiu	1750	mg/L	100	250	EPA-200.7
########		Total Solid	112000	mg/L	1	58	SM-2540B
########		Total Suspe	5	mg/L	1	2	SM-2540D
########	7440-66-6	Total Zinc	<5.00	mg/L	100	5	EPA-200.7
########	7440-38-2	TCLP Arser	25.2	mg/L	100	12.5	SW-6010C (TCLP)
########	7440-39-3	TCLP Bariu	<12.5	mg/L	100	12.5	SW-6010C (TCLP)
########	7440-43-9	TCLP Cadm	<2.50	mg/L	100	2.5	SW-6010C (TCLP)
########	7440-47-3	TCLP Chro	20600	mg/L	100	5	SW-6010C (TCLP)
########	7439-92-1	TCLP Lead	<5.00	mg/L	100	5	SW-6010C (TCLP)
########	7439-97-6	TCLP Merc	<0.0200	mg/L	1	0.02	SW-7470A (TCLP)
########		TCLP Meta	Filtrate		1		SW-1311
########	7782-49-2	TCLP Selen	<25.0	mg/L	100	25	SW-6010C (TCLP)
########	7440-22-4	TCLP Silver	<2.50	mg/L	100	2.5	SW-6010C (TCLP)
########		Acidity (as	28500	mg/L	1	100	SM-2310B
########	Alkalinity	Alkalinity (	<100	mg/L	1	100	SM-2320 B
########	57-12-5	Cyanide Ar	<10.0	mg/L	1000	10	SM-4500CNG
########	57-12-5	Cyanide Tc	<10.0	mg/L	1000	10	SM-4500CNE
########	7439-97-6	Mercury (T	0.0168	mg/L	10	0.002	EPA-245.1
########	PHLAB	pH	2.7	s.u.			SM-4500H+B
########	14808-79-8	Sulfate	11000	mg/L	100	100	EPA-300.0
########		Sulfide	<25.0	mg/L	25	25	SM-4500S2G
########		Sulfide (Re	<25.0	mg/L		25	SW-7.3.4
########	7440-38-2	Total Arser	<50.0	mg/L	1000	50	EPA-200.7
########	7440-39-3	Total Bariu	<50.0	mg/L	1000	50	EPA-200.7
########	7440-43-9	Total Cadm	<10.0	mg/L	1000	10	EPA-200.7
########	7440-47-3	Total Chro	19500	mg/L	1000	25	EPA-200.7
########	7440-50-8	Total Copp	237	mg/L	10	0.25	EPA-200.7
########	7439-92-1	Total Lead	<3.00	mg/L	100	3	EPA-200.7
########	7782-49-2	Total Seler	<50.0	mg/L	1000	50	EPA-200.7
########		Total Settle	<0.1	mL/L	1	0.1	SM-2540F
########	7440-22-4	Total Silver	<25.0	mg/L	1000	25	EPA-200.7
########	7440-23-5	Total Sodiu	2560	mg/L	1000	2500	EPA-200.7
########		Total Solid	57900	mg/L	1	40	SM-2540B
########		Total Suspe	<2	mg/L	1	2	SM-2540D
########	7440-66-6	Total Zinc	<50.0	mg/L	1000	50	EPA-200.7

KEMRON DATA

Waypoint ANALYTICAL

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

11/18/2016

Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth, GA, 30096

Ref: Analytical Testing
Lab Report Number: 16-309-0289
Client Project Description: Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061
Project Number: 103X902701058

Dear Mr. Todd Taylor:
Waypoint Analytical, Inc. received sample(s) on 11/4/2016 for the analyses presented in the following report.

The above referenced project has been analyzed per your instructions. The analyses were performed in accordance with the applicable analytical method.

The analytical data has been validated using standard quality control measures performed as required by the analytical method. Quality Assurance, method validations, instrumentation maintenance and calibration for all parameters (NELAP and non-NELAP) were performed in accordance with guidelines established by the USEPA (including 40 CFR 136 Method Update Rule May 2012) and NELAC unless otherwise indicated. Any parameter for which the laboratory is not officially NELAP accredited is indicated by a '~' symbol. These are not included in the scope because NELAP accreditation is either not available or has not been applied for. Additional certifications may be held/are available for parameters, where NELAP accreditation is not required or applicable. A full list of certifications is available upon request.

Certain parameters (chlorine, pH, dissolved oxygen, sulfite...) are required to be analyzed within 15 minutes of sampling. Usually, but not always, any field parameter analyzed at the laboratory is outside of this holding time. Refer to sample analysis time for confirmation of holding time compliance.

The results are shown on the attached Report of Analysis(s). Results for solid matrices are reported on an as-received basis unless otherwise indicated. This report shall not be reproduced except in full and relates only to the samples included in this report.

Please do not hesitate to contact me or client services if you have any questions or need additional information.

Sincerely,

Nathan Pera
Project Manager

Laboratory's liability in any claim relating to analyses performed shall be limited to, at laboratory's option, repeating the analysis in question at laboratory's expense, or the refund of the charges paid for performance of said analysis.

Alabama	#40750	Louisiana	#04015	VA NELAP	#460181	Texas	#T104704180-11-6	Arkansas	#88-0650
Mississippi		California	#2904	NC	#415	Oklahoma	#9311	Virginia	#00106
Kentucky	#90047	Tennessee	#TN02027	EPA	#TN00012	Kentucky UST	#41		

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

Client: Tetra Tech EM, Inc.
Project: Chromcraft
Lab Report Number: 16-309-0289
Date: 11/18/2016

CASE NARRATIVE

TCLP Method 1311
Per the TCLP extraction method 1311, section 7.2.1 requires a 100 gram minimum sample size to be subjected to the TCLP leaching procedure. Due to insufficient sample being received, only 93 grams of sample #93315 (V2 – Solid), 98 grams of 93316 (V13 – Solid) and 94 grams of 93317 (Washroom) were taken through the leaching process. The approval to lower the sample size was given by Jessica Vickers on 11/15/16.

Organochlorine Pesticides Method EPA-608
Sample 93321 (WT - B)
QC Batch No: L310017
Analyte was detected in both the primary and confirmatory analyses, with a relative percent difference (RPD) of greater than 40% between the two results. These results are flagged Q and the lower of the two values is reported. Analytes with RPD values greater than 100% are reported as non-detect.

Sample 93322 (WT - Overflow)
QC Batch No: L310017
Analyte was detected in both the primary and confirmatory analyses, with a relative percent difference (RPD) of greater than 40% between the two results. These results are flagged Q and the lower of the two values is reported. Analytes with RPD values greater than 100% are reported as non-detect.

Sample 93323 (WT - ST)
QC Batch No: L310017
Analyte was detected in both the primary and confirmatory analyses, with a relative percent difference (RPD) of greater than 40% between the two results. These results are flagged Q and the lower of the two values is reported. Analytes with RPD values greater than 100% are reported as non-detect.

Extraction and Conc for EPA-608 Method EPA-608 (PCB Prep)
Sample 93321 (WT - B)
QC Batch No: L309792
The weight/volume extracted was reduced during the extraction procedure due to the nature of the sample. Reporting limits are factored for the sample size reduction.

Extraction and Conc for EPA-608 Method EPA-608 (PREP)
QC Batch No: L309794
The weight/volume extracted was reduced during the extraction procedure due to the nature of the sample. Reporting limits are factored for the sample size reduction.

Volatile Organic Compounds - GC/MS Method EPA-624
Sample 93320 (WT - A)
QC Batch No: L310440
The sample was analyzed at a dilution due to the foamy nature of the matrix. Reporting limits have been adjusted accordingly.

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

Sample 93321 (WT - B)
QC Batch No: L310440
The sample was analyzed at a dilution due to the foamy nature of the matrix. Reporting limits have been adjusted accordingly.

Sample 93322 (WT - Overflow)
QC Batch No: L310440
The sample was analyzed at a dilution due to the foamy nature of the matrix. Reporting limits have been adjusted accordingly.

Extraction and Conc. for 625 Method EPA-625 (PREP)
Sample 93321 (WT - B)
QC Batch No: L310032
The weight/volume extracted was reduced during the extraction procedure due to the nature of the sample. Reporting limits are factored for the sample size reduction.

GC/MS Dioxin Screen Prep Method EPA-625 (Z DIOXIN SCREEN PREP)
QC Batch No: L309824
The weight/volume extracted was reduced during the extraction procedure due to the nature of the sample. Reporting limits are factored for the sample size reduction.

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Sample Summary Table

Report Number: **16-309-0289**

Client Project Description: **Chromcraft**
1 Quality Dr., Senatobia, MS
Project #103902701061

Lab No	Client Sample ID	Matrix	Date Collected	Date Received	Method	Lab ID
93315	V2 - Solid	Solid	11/03/2016 12:30	11/04/2016	6010C	WTN
93315	V2 - Solid	Solid	11/03/2016 12:30	11/04/2016	7470A	WTN
93315	V2 - Solid	Solid	11/03/2016 12:30	11/04/2016	SW-1311	WTN
93316	V13 - Solid	Solid	11/03/2016 12:15	11/04/2016	6010C	WTN
93316	V13 - Solid	Solid	11/03/2016 12:15	11/04/2016	7470A	WTN
93316	V13 - Solid	Solid	11/03/2016 12:15	11/04/2016	SW-1311	WTN
93317	Washroom	Solid	11/03/2016 14:10	11/04/2016	6010C	WTN
93317	Washroom	Solid	11/03/2016 14:10	11/04/2016	7470A	WTN
93317	Washroom	Solid	11/03/2016 14:10	11/04/2016	SW-1311	WTN
93318	V2 - Liquid	Aqueous	11/03/2016 12:45	11/04/2016	4500H+B-2011	WTN
93319	V13 - Liquid	Aqueous	11/03/2016 13:00	11/04/2016	4500H+B-2011	WTN
93320	WT - A	Aqueous	11/03/2016 15:00	11/04/2016	4500CNE-2011	WTN
93320	WT - A	Aqueous	11/03/2016 15:00	11/04/2016	4500H+B-2011	WTN
93320	WT - A	Aqueous	11/03/2016 15:00	11/04/2016	608	WTN
93320	WT - A	Aqueous	11/03/2016 15:00	11/04/2016	624	WTN
93320	WT - A	Aqueous	11/03/2016 15:00	11/04/2016	625	WTN
93320	WT - A	Aqueous	11/03/2016 15:00	11/04/2016	625 Screen	WTN
93320	WT - A	Aqueous	11/03/2016 15:00	11/04/2016	EPA-200.7	WTN
93320	WT - A	Aqueous	11/03/2016 15:00	11/04/2016	EPA-608 (PCB)	WTN
93321	WT - B	Aqueous	11/03/2016 15:15	11/04/2016	4500CNE-2011	WTN
93321	WT - B	Aqueous	11/03/2016 15:15	11/04/2016	4500H+B-2011	WTN
93321	WT - B	Aqueous	11/03/2016 15:15	11/04/2016	608	WTN
93321	WT - B	Aqueous	11/03/2016 15:15	11/04/2016	624	WTN
93321	WT - B	Aqueous	11/03/2016 15:15	11/04/2016	625	WTN
93321	WT - B	Aqueous	11/03/2016 15:15	11/04/2016	625 Screen	WTN
93321	WT - B	Aqueous	11/03/2016 15:15	11/04/2016	EPA-200.7	WTN

WTN: Waypoint Analytical, Inc.

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Sample Summary Table

Report Number: **16-309-0289**

Client Project Description: **Chromcraft**
1 Quality Dr., Senatobia, MS
Project #103902701061

Lab No	Client Sample ID	Matrix	Date Collected	Date Received	Method	Lab ID
93321	WT - B	Aqueous	11/03/2016 15:15	11/04/2016	EPA-608 (PCB)	WTN
93322	WT - Overflow	Aqueous	11/03/2016 15:30	11/04/2016	4500CNE-2011	WTN
93322	WT - Overflow	Aqueous	11/03/2016 15:30	11/04/2016	4500H+B-2011	WTN
93322	WT - Overflow	Aqueous	11/03/2016 15:30	11/04/2016	608	WTN
93322	WT - Overflow	Aqueous	11/03/2016 15:30	11/04/2016	624	WTN
93322	WT - Overflow	Aqueous	11/03/2016 15:30	11/04/2016	625	WTN
93322	WT - Overflow	Aqueous	11/03/2016 15:30	11/04/2016	625 Screen	WTN
93322	WT - Overflow	Aqueous	11/03/2016 15:30	11/04/2016	EPA-200.7	WTN
93322	WT - Overflow	Aqueous	11/03/2016 15:30	11/04/2016	EPA-608 (PCB)	WTN
93323	WT - ST	Aqueous	11/03/2016 15:45	11/04/2016	4500CNE-2011	WTN
93323	WT - ST	Aqueous	11/03/2016 15:45	11/04/2016	4500H+B-2011	WTN
93323	WT - ST	Aqueous	11/03/2016 15:45	11/04/2016	608	WTN
93323	WT - ST	Aqueous	11/03/2016 15:45	11/04/2016	624	WTN
93323	WT - ST	Aqueous	11/03/2016 15:45	11/04/2016	625	WTN
93323	WT - ST	Aqueous	11/03/2016 15:45	11/04/2016	625 Screen	WTN
93323	WT - ST	Aqueous	11/03/2016 15:45	11/04/2016	EPA-200.7	WTN
93323	WT - ST	Aqueous	11/03/2016 15:45	11/04/2016	EPA-608 (PCB)	WTN

WTN: Waypoint Analytical, Inc.

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Lab No : **93315**
Sample ID : **V2 - Solid**

Matrix: **Solid**
Sampled: **11/3/2016 12:30**

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Method
TCLP Metals Extraction	**Leachate**				1	11/15/16 13:57	SAJ	SW-1311

Analytical Method: 6010C **Prep Batch(es):** **L311089** 11/16/16 10:05
Prep Method: 3005A

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Arsenic	**0.900**	mg/L	0.250	0.250	10	11/17/16 11:59	CCR	L311353
TCLP Barium	**0.031**	mg/L	0.025	0.025	1	11/16/16 20:02	CCR	L311198
TCLP Cadmium	<0.005	mg/L	0.005	0.005	1	11/16/16 20:02	CCR	L311198
TCLP Chromium	**19.5**	mg/L	0.010	0.010	1	11/16/16 20:02	CCR	L311198
TCLP Lead	**0.025**	mg/L	0.010	0.010	1	11/16/16 20:02	CCR	L311198
TCLP Selenium	<0.500	mg/L	0.500	0.500	10	11/17/16 11:59	CCR	L311353
TCLP Silver	<0.005	mg/L	0.005	0.005	1	11/16/16 20:02	CCR	L311198

Analytical Method: 7470A **Prep Batch(es):** **L311067** 11/16/16 09:10
Prep Method: 7470A

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Mercury	<0.0200	mg/L	0.0200	0.0200	1	11/16/16 14:12	KKM	L311174

Qualifiers/ Definitions				
	DF	Dilution Factor	J	Estimated value
	MQL	Method Quantitation Limit	Q	RPD >40% dual column results

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Lab No : **93316**
Sample ID : **V13 - Solid**

Matrix: **Solid**
Sampled: **11/3/2016 12:15**

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Method
TCLP Metals Extraction	**Leachate**				1	11/15/16 13:57	SAJ	SW-1311

Analytical Method: 6010C **Prep Batch(es):** **L311089** 11/16/16 10:05
Prep Method: 3005A

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Arsenic	<0.025	mg/L	0.025	0.025	1	11/17/16 12:09	CCR	L311353
TCLP Barium	<0.250	mg/L	0.250	0.250	10	11/16/16 20:12	CCR	L311198
TCLP Cadmium	<0.050	mg/L	0.050	0.050	10	11/16/16 20:12	CCR	L311198
TCLP Chromium	**9.60**	mg/L	0.100	0.100	10	11/16/16 20:12	CCR	L311198
TCLP Lead	<0.100	mg/L	0.100	0.100	10	11/16/16 20:12	CCR	L311198
TCLP Selenium	<0.050	mg/L	0.050	0.050	1	11/17/16 12:09	CCR	L311353
TCLP Silver	<0.050	mg/L	0.050	0.050	10	11/16/16 20:12	CCR	L311198

Analytical Method: 7470A **Prep Batch(es):** **L311067** 11/16/16 09:10
Prep Method: 7470A

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Mercury	<0.0200	mg/L	0.0200	0.0200	1	11/16/16 14:14	KKM	L311174

Qualifiers/ Definitions				
	DF	Dilution Factor	J	Estimated value
	MQL	Method Quantitation Limit	Q	RPD >40% dual column results

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Lab No : **93317**
Sample ID : **Washroom**

Matrix: **Solid**
Sampled: **11/3/2016 14:10**

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Method
TCLP Metals Extraction	**Leachate**				1	11/15/16 13:57	SAJ	SW-1311

Analytical Method: 6010C **Prep Batch(es):** **L311089** 11/16/16 10:05
Prep Method: 3005A

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Arsenic	<0.025	mg/L	0.025	0.025	1	11/17/16 12:13	CCR	L311353
TCLP Barium	**0.275**	mg/L	0.025	0.025	1	11/16/16 20:16	CCR	L311198
TCLP Cadmium	**0.018**	mg/L	0.005	0.005	1	11/16/16 20:16	CCR	L311198
TCLP Chromium	<0.010	mg/L	0.010	0.010	1	11/16/16 20:16	CCR	L311198
TCLP Lead	<0.010	mg/L	0.010	0.010	1	11/16/16 20:16	CCR	L311198
TCLP Selenium	<0.050	mg/L	0.050	0.050	1	11/17/16 12:13	CCR	L311353
TCLP Silver	<0.005	mg/L	0.005	0.005	1	11/16/16 20:16	CCR	L311198

Analytical Method: 7470A **Prep Batch(es):** **L311067** 11/16/16 09:10
Prep Method: 7470A

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Mercury	<0.0200	mg/L	0.0200	0.0200	1	11/16/16 14:16	KKM	L311174

Qualifiers/ Definitions				
	DF	Dilution Factor	J	Estimated value
	MQL	Method Quantitation Limit	Q	RPD >40% dual column results

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Lab No : **93318**
Sample ID : **V2 - Liquid**

Matrix: **Aqueous**
Sampled: **11/3/2016 12:45**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
pH	**10.4**	s.u.		1	11/04/16 15:15	RRR	4500H+B-2011

Qualifiers/ Definitions				
	DF	Dilution Factor	J	Estimated value
	MQL	Method Quantitation Limit	Q	RPD >40% dual column results

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Lab No : **93319**
Sample ID : **V13 - Liquid**

Matrix: **Aqueous**
Sampled: **11/3/2016 13:00**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
pH	**1.0**	s.u.		1	11/04/16 15:15	RRR	4500H+B-2011

Qualifiers/ Definitions				
	DF	Dilution Factor	J	Estimated value
	MQL	Method Quantitation Limit	Q	RPD >40% dual column results

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Lab No : **93320**
Sample ID : **WT - A**

Matrix: **Aqueous**
Sampled: **11/3/2016 15:00**

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Method
Cyanide, Total	**0.019**	mg/L	0.003	0.005	1	11/07/16 10:53	EWB	4500CNE-2011
pH	**8.8**	s.u.			1	11/04/16 15:15	RRR	4500H+B-2011
Total Cadmium	<0.0005	mg/L	0.0005	0.0020	1	11/10/16 20:27	CCR	EPA-200.7
Total Chromium	**0.011**	mg/L	0.001	0.005	1	11/10/16 20:27	CCR	EPA-200.7
Total Copper	**0.010**	mg/L	0.002	0.005	1	11/10/16 20:27	CCR	EPA-200.7
Total Lead	<0.003	mg/L	0.003	0.006	1	11/10/16 20:27	CCR	EPA-200.7
Total Nickel	**0.526**	mg/L	0.002	0.005	1	11/10/16 20:27	CCR	EPA-200.7
Total Silver	<0.001	mg/L	0.001	0.005	1	11/10/16 20:27	CCR	EPA-200.7
Total Zinc	**0.006 J**	mg/L	0.002	0.010	1	11/10/16 20:27	CCR	EPA-200.7

Qualifiers/ Definitions				
	DF	Dilution Factor	J	Estimated value
	MQL	Method Quantitation Limit	Q	RPD >40% dual column results

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Lab No : **93320**
Sample ID : **WT - A**

Matrix: **Aqueous**
Sampled: **11/3/2016 15:00**

Analytical Method: 608 **Prep Batch(es):** **L309794** 11/07/16 09:40
Prep Method: EPA-608 (PREP)

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Aldrin	<0.00983	µg/L	0.00983	0.0400	10	11/07/16 19:58	VIC	L310017
alpha-BHC	<0.00700	µg/L	0.00700	0.0400	10	11/07/16 19:58	VIC	L310017
beta-BHC	<0.0193	µg/L	0.0193	0.0400	10	11/07/16 19:58	VIC	L310017
delta-BHC	<0.0143	µg/L	0.0143	0.0400	10	11/07/16 19:58	VIC	L310017
Chlordane	<0.0670	µg/L	0.0670	0.200	10	11/07/16 19:58	VIC	L310017
4,4'-DDD	<0.0120	µg/L	0.0120	0.0400	10	11/07/16 19:58	VIC	L310017
4,4'-DDE	<0.0101	µg/L	0.0101	0.0400	10	11/07/16 19:58	VIC	L310017
4,4'-DDT	<0.0138	µg/L	0.0138	0.0400	10	11/07/16 19:58	VIC	L310017
Dieldrin	<0.00942	µg/L	0.00942	0.0400	10	11/07/16 19:58	VIC	L310017
Alpha-endosulfan	<0.0182	µg/L	0.0182	0.0400	10	11/07/16 19:58	VIC	L310017
Beta-endosulfan	<0.0220	µg/L	0.0220	0.0400	10	11/07/16 19:58	VIC	L310017
Endosulfan Sulfate	<0.0240	µg/L	0.0240	0.0400	10	11/07/16 19:58	VIC	L310017
Endrin	<0.00327	µg/L	0.00327	0.0400	10	11/07/16 19:58	VIC	L310017
Endrin Aldehyde	<0.00503	µg/L	0.00503	0.0400	10	11/07/16 19:58	VIC	L310017
gamma-BHC	**0.00405 J**	µg/L	0.00305	0.0400	10	11/07/16 19:58	VIC	L310017
Heptachlor	<0.00275	µg/L	0.00275	0.0400	10	11/07/16 19:58	VIC	L310017
Heptachlor Epoxide	<0.00282	µg/L	0.00282	0.0400	10	11/07/16 19:58	VIC	L310017
Toxaphene	<0.100	µg/L	0.100	0.300	10	11/07/16 19:58	VIC	L310017
Surrogate: Decachlorobiphenyl	54.8		Limits: 36-116%		10	11/07/16 19:58	VIC	L310017
Surrogate: Tetrachloro-m-xylene	33.9		Limits: 25-123%		10	11/07/16 19:58	VIC	L310017

Qualifiers/ Definitions

DF	Dilution Factor	J	Estimated value
MQL	Method Quantitation Limit	Q	RPD >40% dual column results

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Lab No : **93320**
Sample ID : **WT - A**

Matrix: **Aqueous**
Sampled: **11/3/2016 15:00**

Analytical Method: 624 **Prep Batch(es):** **L310437** 11/10/16 09:39
Prep Method: EPA-624 (PREP)

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Acrolein	<17.2	µg/L	17.2	200	10	11/10/16 17:04	AGH	L310440
Acrylonitrile	<10.3	µg/L	10.3	200	10	11/10/16 17:04	AGH	L310440
Benzene	<1.47	µg/L	1.47	10.0	10	11/10/16 17:04	AGH	L310440
Bromodichloromethane	<2.04	µg/L	2.04	10.0	10	11/10/16 17:04	AGH	L310440
Bromoform	<4.65	µg/L	4.65	10.0	10	11/10/16 17:04	AGH	L310440
Bromomethane	<4.88	µg/L	4.88	10.0	10	11/10/16 17:04	AGH	L310440
Carbon Tetrachloride	<2.11	µg/L	2.11	10.0	10	11/10/16 17:04	AGH	L310440
Chlorobenzene	<4.52	µg/L	4.52	10.0	10	11/10/16 17:04	AGH	L310440
Chlorodibromomethane	<2.54	µg/L	2.54	10.0	10	11/10/16 17:04	AGH	L310440
Chloroethane	<5.92	µg/L	5.92	10.0	10	11/10/16 17:04	AGH	L310440
2-Chloroethylvinyl Ether	<8.02	µg/L	8.02	50.0	10	11/10/16 17:04	AGH	L310440
Chloroform	<1.97	µg/L	1.97	10.0	10	11/10/16 17:04	AGH	L310440
Chloromethane	<5.39	µg/L	5.39	10.0	10	11/10/16 17:04	AGH	L310440
Dichlorodifluoromethane	<7.12	µg/L	7.12	10.0	10	11/10/16 17:04	AGH	L310440
1,1-Dichloroethane	<1.68	µg/L	1.68	10.0	10	11/10/16 17:04	AGH	L310440
1,2-Dichloroethane	<1.00	µg/L	1.00	10.0	10	11/10/16 17:04	AGH	L310440
1,1-Dichloroethene	<1.38	µg/L	1.38	10.0	10	11/10/16 17:04	AGH	L310440
1,2-Trans-dichlorothylene	<1.73	µg/L	1.73	10.0	10	11/10/16 17:04	AGH	L310440
1,2-Dichloropropane	<3.29	µg/L	3.29	10.0	10	11/10/16 17:04	AGH	L310440
cis-1,3-Dichloropropene	<1.71	µg/L	1.71	10.0	10	11/10/16 17:04	AGH	L310440
trans-1,3-Dichloropropene	<2.33	µg/L	2.33	10.0	10	11/10/16 17:04	AGH	L310440
Ethylbenzene	<2.76	µg/L	2.76	10.0	10	11/10/16 17:04	AGH	L310440

Qualifiers/ Definitions

DF	Dilution Factor	J	Estimated value
MQL	Method Quantitation Limit	Q	RPD >40% dual column results

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Lab No : **93320**
Sample ID : **WT - A**

Matrix: **Aqueous**
Sampled: **11/3/2016 15:00**

Analytical Method: 624 **Prep Batch(es):** **L310437** 11/10/16 09:39
Prep Method: EPA-624 (PREP)

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Methylene Chloride	<37.5	µg/L	37.5	100	10	11/10/16 17:04	AGH	L310440
1,1,2,2-Tetrachloroethane	<4.82	µg/L	4.82	10.0	10	11/10/16 17:04	AGH	L310440
Tetrachloroethylene	<2.65	µg/L	2.65	10.0	10	11/10/16 17:04	AGH	L310440
Toluene	<2.03	µg/L	2.03	50.0	10	11/10/16 17:04	AGH	L310440
1,1,1-Trichloroethane	<1.63	µg/L	1.63	10.0	10	11/10/16 17:04	AGH	L310440
1,1,2-Trichloroethane	<2.16	µg/L	2.16	10.0	10	11/10/16 17:04	AGH	L310440
Trichloroethylene	<2.73	µg/L	2.73	10.0	10	11/10/16 17:04	AGH	L310440
Trichlorofluoromethane	<3.08	µg/L	3.08	10.0	10	11/10/16 17:04	AGH	L310440
Vinyl Chloride	<3.94	µg/L	3.94	10.0	10	11/10/16 17:04	AGH	L310440
Surrogate: 4-Bromofluorobenzene	99.6		Limits: 71-131%		10	11/10/16 17:04	AGH	L310440
Surrogate: Dibromofluoromethane	71.4		Limits: 70-128%		10	11/10/16 17:04	AGH	L310440
Surrogate: 1,2-Dichloroethane - d4	72.0		Limits: 67-136%		10	11/10/16 17:04	AGH	L310440
Surrogate: Toluene-d8	80.0		Limits: 70-130%		10	11/10/16 17:04	AGH	L310440

Analytical Method: 625 **Prep Batch(es):** **L310032** 11/08/16 13:40
Prep Method: 625

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Acenaphthene	<0.480	µg/L	0.480	2.00	1	11/08/16 18:58	CGC	L310168
Acenaphthylene	<0.418	µg/L	0.418	2.00	1	11/08/16 18:58	CGC	L310168
Anthracene	<0.452	µg/L	0.452	2.00	1	11/08/16 18:58	CGC	L310168
Benzidine	<1.08	µg/L	1.08	20.0	1	11/08/16 18:58	CGC	L310168
Benzo(a)anthracene	<0.263	µg/L	0.263	2.00	1	11/08/16 18:58	CGC	L310168

Qualifiers/ Definitions

DF	Dilution Factor	J	Estimated value
MQL	Method Quantitation Limit	Q	RPD >40% dual column results

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Lab No : **93320**
Sample ID : **WT - A**

Matrix: **Aqueous**
Sampled: **11/3/2016 15:00**

Analytical Method: 625 **Prep Batch(es):** **L310032** 11/08/16 13:40
Prep Method: 625

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Benzo(a)pyrene	<0.238	µg/L	0.238	2.00	1	11/08/16 18:58	CGC	L310168
Benzo(b)fluoranthene	<0.315	µg/L	0.315	2.00	1	11/08/16 18:58	CGC	L310168
Benzo(g,h,i)perylene	<0.501	µg/L	0.501	2.00	1	11/08/16 18:58	CGC	L310168
Benzo(k)fluoranthene	<0.422	µg/L	0.422	2.00	1	11/08/16 18:58	CGC	L310168
Bis(2-Chloroethoxy)methane	<0.307	µg/L	0.307	5.00	1	11/08/16 18:58	CGC	L310168
Bis(2-Chloroethyl)ether	<0.482	µg/L	0.482	5.00	1	11/08/16 18:58	CGC	L310168
Bis(2-Chloroisopropyl)ether	<0.568	µg/L	0.568	5.00	1	11/08/16 18:58	CGC	L310168
Bis(2-ethylhexyl)phthalate	<0.534	µg/L	0.534	10.0	1	11/08/16 18:58	CGC	L310168
4-Bromophenyl phenyl ether	<0.415	µg/L	0.415	5.00	1	11/08/16 18:58	CGC	L310168
Butyl benzyl phthalate	<0.378	µg/L	0.378	5.00	1	11/08/16 18:58	CGC	L310168
4-Chloro-3-methylphenol	<0.343	µg/L	0.343	5.00	1	11/08/16 18:58	CGC	L310168
2-Chloronaphthalene	<0.544	µg/L	0.544	5.00	1	11/08/16 18:58	CGC	L310168
2-Chlorophenol	<0.520	µg/L	0.520	5.00	1	11/08/16 18:58	CGC	L310168
4-Chlorophenyl phenyl ether	<0.230	µg/L	0.230	5.00	1	11/08/16 18:58	CGC	L310168
Chrysene	<0.373	µg/L	0.373	2.00	1	11/08/16 18:58	CGC	L310168
Dibenz(a,h)anthracene	<0.325	µg/L	0.325	2.00	1	11/08/16 18:58	CGC	L310168
1,2-Dichlorobenzene	<0.731	µg/L	0.731	5.00	1	11/08/16 18:58	CGC	L310168
1,3-Dichlorobenzene	<0.726	µg/L	0.726	5.00	1	11/08/16 18:58	CGC	L310168
1,4-Dichlorobenzene	<0.547	µg/L	0.547	5.00	1	11/08/16 18:58	CGC	L310168
3,3'-Dichlorobenzidine	<0.664	µg/L	0.664	5.00	1	11/08/16 18:58	CGC	L310168
2,4-Dichlorophenol	**0.518 J**	µg/L	0.317	5.00	1	11/08/16 18:58	CGC	L310168
Diethyl phthalate	<0.234	µg/L	0.234	5.00	1	11/08/16 18:58	CGC	L310168

Qualifiers/ Definitions

DF	Dilution Factor	J	Estimated value
MQL	Method Quantitation Limit	Q	RPD >40% dual column results

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Lab No : **93320**
Sample ID : **WT - A**

Matrix: **Aqueous**
Sampled: **11/3/2016 15:00**

Analytical Method: 625 **Prep Batch(es):** **L310032** 11/08/16 13:40
Prep Method: 625

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Dimethyl phthalate	<0.384	µg/L	0.384	5.00	1	11/08/16 18:58	CGC	L310168
2,4-Dimethylphenol	<0.842	µg/L	0.842	5.00	1	11/08/16 18:58	CGC	L310168
Di-n-butyl phthalate	<0.401	µg/L	0.401	5.00	1	11/08/16 18:58	CGC	L310168
4,6-Dinitro-o-cresol	<0.454	µg/L	0.454	10.0	1	11/08/16 18:58	CGC	L310168
2,4-Dinitrophenol	<0.229	µg/L	0.229	5.00	1	11/08/16 18:58	CGC	L310168
2,4-Dinitrotoluene	<0.958	µg/L	0.958	5.00	1	11/08/16 18:58	CGC	L310168
2,6-Dinitrotoluene	<0.705	µg/L	0.705	5.00	1	11/08/16 18:58	CGC	L310168
Di-n-Octyl Phthalate	<0.353	µg/L	0.353	5.00	1	11/08/16 18:58	CGC	L310168
1,2-Diphenylhydrazine/Azobenzene	<0.408	µg/L	0.408	5.00	1	11/08/16 18:58	CGC	L310168
Fluoranthene	<0.439	µg/L	0.439	2.00	1	11/08/16 18:58	CGC	L310168
Fluorene	<0.292	µg/L	0.292	2.00	1	11/08/16 18:58	CGC	L310168
Hexachlorobenzene	<0.310	µg/L	0.310	5.00	1	11/08/16 18:58	CGC	L310168
Hexachlorobutadiene	<0.653	µg/L	0.653	5.00	1	11/08/16 18:58	CGC	L310168
Hexachlorocyclopentadiene	<0.232	µg/L	0.232	5.00	1	11/08/16 18:58	CGC	L310168
Hexachloroethane	<0.582	µg/L	0.582	5.00	1	11/08/16 18:58	CGC	L310168
Indeno(1,2,3-cd)pyrene	<0.518	µg/L	0.518	2.00	1	11/08/16 18:58	CGC	L310168
Isophorone	<0.189	µg/L	0.189	5.00	1	11/08/16 18:58	CGC	L310168
Naphthalene	<0.304	µg/L	0.304	2.00	1	11/08/16 18:58	CGC	L310168
Nitrobenzene	<0.355	µg/L	0.355	5.00	1	11/08/16 18:58	CGC	L310168
2-Nitrophenol	<0.504	µg/L	0.504	5.00	1	11/08/16 18:58	CGC	L310168
4-Nitrophenol	<0.373	µg/L	0.373	20.0	1	11/08/16 18:58	CGC	L310168
N-Nitrosodimethylamine	<0.370	µg/L	0.370	5.00	1	11/08/16 18:58	CGC	L310168

Qualifiers/ Definitions				
	DF	Dilution Factor	J	Estimated value
	MQL	Method Quantitation Limit	Q	RPD >40% dual column results

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Lab No : **93320**
Sample ID : **WT - A**

Matrix: **Aqueous**
Sampled: **11/3/2016 15:00**

Analytical Method: 625 **Prep Batch(es):** **L310032** 11/08/16 13:40
Prep Method: 625

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
N-Nitrosodiphenylamine	<0.406	µg/L	0.406	10.0	1	11/08/16 18:58	CGC	L310168
N-Nitroso-di-n-propylamine	<0.561	µg/L	0.561	5.00	1	11/08/16 18:58	CGC	L310168
Pentachlorophenol	<0.540	µg/L	0.540	5.00	1	11/08/16 18:58	CGC	L310168
Phenanthrene	<0.455	µg/L	0.455	2.00	1	11/08/16 18:58	CGC	L310168
Phenol	<0.258	µg/L	0.258	5.00	1	11/08/16 18:58	CGC	L310168
Pyrene	<0.526	µg/L	0.526	2.00	1	11/08/16 18:58	CGC	L310168
1,2,4-Trichlorobenzene	<0.494	µg/L	0.494	5.00	1	11/08/16 18:58	CGC	L310168
2,4,6-Trichlorophenol	<0.415	µg/L	0.415	5.00	1	11/08/16 18:58	CGC	L310168
Surrogate: 2-Fluorobiphenyl	61.4		Limits: 38-107%		1	11/08/16 18:58	CGC	L310168
Surrogate: 2-Fluorophenol	29.4		Limits: 8-88%		1	11/08/16 18:58	CGC	L310168
Surrogate: Nitrobenzene-d5	57.2		Limits: 29-105%		1	11/08/16 18:58	CGC	L310168
Surrogate: Phenol-d6	21.1		Limits: 7-58%		1	11/08/16 18:58	CGC	L310168
Surrogate: 4-Terphenyl-d14	76.6		Limits: 30-130%		1	11/08/16 18:58	CGC	L310168
Surrogate: 2,4,6-Tribromophenol	79.9		Limits: 16-138%		1	11/08/16 18:58	CGC	L310168

Analytical Method: 625 Screen **Prep Batch(es):** **L309824** 11/07/16 10:40
Prep Method: 625

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch	
Dioxin (2,3,7,8-TCDD) screen	<0.200	µg/L	0.200	1.00	1	11/09/16 00:36	RQE	L310125	~

Qualifiers/ Definitions				
	DF	Dilution Factor	J	Estimated value
	MQL	Method Quantitation Limit	Q	RPD >40% dual column results

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Lab No : **93320**
Sample ID : **WT - A**

Matrix: **Aqueous**
Sampled: **11/3/2016 15:00**

Analytical Method: EPA-608 (PCB) **Prep Batch(es):** **L309792** 11/07/16 09:40
Prep Method: EPA-608 (PCB Prep)

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Aroclor 1016	<0.0351	µg/L	0.0351	0.200	1	11/07/16 18:29	VIC	L310057
Aroclor 1221	<0.167	µg/L	0.167	0.200	1	11/07/16 18:29	VIC	L310057
Aroclor 1232	<0.167	µg/L	0.167	0.200	1	11/07/16 18:29	VIC	L310057
Aroclor 1242	<0.167	µg/L	0.167	0.200	1	11/07/16 18:29	VIC	L310057
Aroclor 1248	<0.167	µg/L	0.167	0.200	1	11/07/16 18:29	VIC	L310057
Aroclor 1254	<0.167	µg/L	0.167	0.200	1	11/07/16 18:29	VIC	L310057
Aroclor 1260	<0.0513	µg/L	0.0513	0.200	1	11/07/16 18:29	VIC	L310057
Surrogate: Decachlorobiphenyl	75.4		Limits: 25-125%		1	11/07/16 18:29	VIC	L310057
Surrogate: Tetrachloro-m-xylene	79.9		Limits: 25-125%		1	11/07/16 18:29	VIC	L310057

Qualifiers/ Definitions				
	DF	Dilution Factor	J	Estimated value
	MQL	Method Quantitation Limit	Q	RPD >40% dual column results

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Lab No : **93321**
Sample ID : **WT - B**

Matrix: **Aqueous**
Sampled: **11/3/2016 15:15**

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Method
Cyanide, Total	**0.190**	mg/L	0.003	0.005	1	11/07/16 10:53	EWB	4500CNE-2011
pH	**8.5**	s.u.			1	11/04/16 15:15	RRR	4500H+B-2011
Total Cadmium	<0.0005	mg/L	0.0005	0.0020	1	11/10/16 20:32	CCR	EPA-200.7
Total Chromium	**0.005**	mg/L	0.001	0.005	1	11/10/16 20:32	CCR	EPA-200.7
Total Copper	**0.097**	mg/L	0.002	0.005	1	11/10/16 20:32	CCR	EPA-200.7
Total Lead	**0.011**	mg/L	0.003	0.006	1	11/10/16 20:32	CCR	EPA-200.7
Total Nickel	**3.88**	mg/L	0.002	0.005	1	11/10/16 20:32	CCR	EPA-200.7
Total Silver	<0.001	mg/L	0.001	0.005	1	11/10/16 20:32	CCR	EPA-200.7
Total Zinc	**0.006 J**	mg/L	0.002	0.010	1	11/10/16 20:32	CCR	EPA-200.7

Qualifiers/ Definitions				
	DF	Dilution Factor	J	Estimated value
	MQL	Method Quantitation Limit	Q	RPD >40% dual column results

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Lab No : **93321**
Sample ID : **WT - B**

Matrix: **Aqueous**
Sampled: **11/3/2016 15:15**

Analytical Method: 608 **Prep Batch(es):** **L309794** 11/07/16 09:40
Prep Method: EPA-608 (PREP)

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Aldrin	<0.0197	µg/L	0.0197	0.0800	10	11/07/16 20:15	VIC	L310017
alpha-BHC	<0.0140	µg/L	0.0140	0.0800	10	11/07/16 20:15	VIC	L310017
beta-BHC	<0.0387	µg/L	0.0387	0.0800	10	11/07/16 20:15	VIC	L310017
delta-BHC	<0.0285	µg/L	0.0285	0.0800	10	11/07/16 20:15	VIC	L310017
Chlordane	<0.134	µg/L	0.134	0.400	10	11/07/16 20:15	VIC	L310017
4,4'-DDD	**0.0269 JQ**	µg/L	0.0240	0.0800	10	11/07/16 20:15	VIC	L310017
4,4'-DDE	<0.0201	µg/L	0.0201	0.0800	10	11/07/16 20:15	VIC	L310017
4,4'-DDT	<0.0276	µg/L	0.0276	0.0800	10	11/07/16 20:15	VIC	L310017
Dieldrin	<0.0188	µg/L	0.0188	0.0800	10	11/07/16 20:15	VIC	L310017
Alpha-endosulfan	<0.0364	µg/L	0.0364	0.0800	10	11/07/16 20:15	VIC	L310017
Beta-endosulfan	<0.0439	µg/L	0.0439	0.0800	10	11/07/16 20:15	VIC	L310017
Endosulfan Sulfate	<0.0480	µg/L	0.0480	0.0800	10	11/07/16 20:15	VIC	L310017
Endrin	<0.00654	µg/L	0.00654	0.0800	10	11/07/16 20:15	VIC	L310017
Endrin Aldehyde	**0.0140 JQ**	µg/L	0.0101	0.0800	10	11/07/16 20:15	VIC	L310017
gamma-BHC	<0.00610	µg/L	0.00610	0.0800	10	11/07/16 20:15	VIC	L310017
Heptachlor	<0.00550	µg/L	0.00550	0.0800	10	11/07/16 20:15	VIC	L310017
Heptachlor Epoxide	<0.00564	µg/L	0.00564	0.0800	10	11/07/16 20:15	VIC	L310017
Toxaphene	<0.200	µg/L	0.200	0.600	10	11/07/16 20:15	VIC	L310017
Surrogate: Decachlorobiphenyl	60.0		Limits: 36-116%		10	11/07/16 20:15	VIC	L310017
Surrogate: Tetrachloro-m-xylene	36.3		Limits: 25-123%		10	11/07/16 20:15	VIC	L310017

Qualifiers/ Definitions

DF	Dilution Factor	J	Estimated value
MQL	Method Quantitation Limit	Q	RPD >40% dual column results

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Lab No : **93321**
Sample ID : **WT - B**

Matrix: **Aqueous**
Sampled: **11/3/2016 15:15**

Analytical Method: 624 **Prep Batch(es):** **L310437** 11/10/16 09:39
Prep Method: EPA-624 (PREP)

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Acrolein	<17.2	µg/L	17.2	200	10	11/10/16 17:45	AGH	L310440
Acrylonitrile	<10.3	µg/L	10.3	200	10	11/10/16 17:45	AGH	L310440
Benzene	<1.47	µg/L	1.47	10.0	10	11/10/16 17:45	AGH	L310440
Bromodichloromethane	<2.04	µg/L	2.04	10.0	10	11/10/16 17:45	AGH	L310440
Bromoform	<4.65	µg/L	4.65	10.0	10	11/10/16 17:45	AGH	L310440
Bromomethane	<4.88	µg/L	4.88	10.0	10	11/10/16 17:45	AGH	L310440
Carbon Tetrachloride	<2.11	µg/L	2.11	10.0	10	11/10/16 17:45	AGH	L310440
Chlorobenzene	<4.52	µg/L	4.52	10.0	10	11/10/16 17:45	AGH	L310440
Chlorodibromomethane	<2.54	µg/L	2.54	10.0	10	11/10/16 17:45	AGH	L310440
Chloroethane	<5.92	µg/L	5.92	10.0	10	11/10/16 17:45	AGH	L310440
2-Chloroethylvinyl Ether	<8.02	µg/L	8.02	50.0	10	11/10/16 17:45	AGH	L310440
Chloroform	<1.97	µg/L	1.97	10.0	10	11/10/16 17:45	AGH	L310440
Chloromethane	<5.39	µg/L	5.39	10.0	10	11/10/16 17:45	AGH	L310440
Dichlorodifluoromethane	<7.12	µg/L	7.12	10.0	10	11/10/16 17:45	AGH	L310440
1,1-Dichloroethane	<1.68	µg/L	1.68	10.0	10	11/10/16 17:45	AGH	L310440
1,2-Dichloroethane	<1.00	µg/L	1.00	10.0	10	11/10/16 17:45	AGH	L310440
1,1-Dichloroethene	<1.38	µg/L	1.38	10.0	10	11/10/16 17:45	AGH	L310440
1,2-Trans-dichlorothylene	<1.73	µg/L	1.73	10.0	10	11/10/16 17:45	AGH	L310440
1,2-Dichloropropane	<3.29	µg/L	3.29	10.0	10	11/10/16 17:45	AGH	L310440
cis-1,3-Dichloropropene	<1.71	µg/L	1.71	10.0	10	11/10/16 17:45	AGH	L310440
trans-1,3-Dichloropropene	<2.33	µg/L	2.33	10.0	10	11/10/16 17:45	AGH	L310440
Ethylbenzene	<2.76	µg/L	2.76	10.0	10	11/10/16 17:45	AGH	L310440

Qualifiers/ Definitions

DF	Dilution Factor	J	Estimated value
MQL	Method Quantitation Limit	Q	RPD >40% dual column results

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Lab No : **93321**
Sample ID : **WT - B**

Matrix: **Aqueous**
Sampled: **11/3/2016 15:15**

Analytical Method: 624 **Prep Batch(es):** **L310437** 11/10/16 09:39
Prep Method: EPA-624 (PREP)

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Methylene Chloride	<37.5	µg/L	37.5	100	10	11/10/16 17:45	AGH	L310440
1,1,2,2-Tetrachloroethane	<4.82	µg/L	4.82	10.0	10	11/10/16 17:45	AGH	L310440
Tetrachloroethylene	<2.65	µg/L	2.65	10.0	10	11/10/16 17:45	AGH	L310440
Toluene	<2.03	µg/L	2.03	50.0	10	11/10/16 17:45	AGH	L310440
1,1,1-Trichloroethane	<1.63	µg/L	1.63	10.0	10	11/10/16 17:45	AGH	L310440
1,1,2-Trichloroethane	<2.16	µg/L	2.16	10.0	10	11/10/16 17:45	AGH	L310440
Trichloroethylene	<2.73	µg/L	2.73	10.0	10	11/10/16 17:45	AGH	L310440
Trichlorofluoromethane	<3.08	µg/L	3.08	10.0	10	11/10/16 17:45	AGH	L310440
Vinyl Chloride	<3.94	µg/L	3.94	10.0	10	11/10/16 17:45	AGH	L310440
Surrogate: 4-Bromofluorobenzene	108		Limits: 71-131%		10	11/10/16 17:45	AGH	L310440
Surrogate: Dibromofluoromethane	84.8		Limits: 70-128%		10	11/10/16 17:45	AGH	L310440
Surrogate: 1,2-Dichloroethane - d4	77.0		Limits: 67-136%		10	11/10/16 17:45	AGH	L310440
Surrogate: Toluene-d8	76.0		Limits: 70-130%		10	11/10/16 17:45	AGH	L310440

Analytical Method: 625 **Prep Batch(es):** **L310032** 11/08/16 13:40
Prep Method: 625

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Acenaphthene	<0.960	µg/L	0.960	4.00	1	11/08/16 19:26	CGC	L310168
Acenaphthylene	<0.836	µg/L	0.836	4.00	1	11/08/16 19:26	CGC	L310168
Anthracene	<0.905	µg/L	0.905	4.00	1	11/08/16 19:26	CGC	L310168
Benzidine	<2.16	µg/L	2.16	40.0	1	11/08/16 19:26	CGC	L310168
Benzo(a)anthracene	<0.526	µg/L	0.526	4.00	1	11/08/16 19:26	CGC	L310168

Qualifiers/ Definitions

DF	Dilution Factor	J	Estimated value
MQL	Method Quantitation Limit	Q	RPD >40% dual column results

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Lab No : **93321**
Sample ID : **WT - B**

Matrix: **Aqueous**
Sampled: **11/3/2016 15:15**

Analytical Method: 625 **Prep Batch(es):** **L310032** 11/08/16 13:40
Prep Method: 625

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Benzo(a)pyrene	<0.477	µg/L	0.477	4.00	1	11/08/16 19:26	CGC	L310168
Benzo(b)fluoranthene	<0.631	µg/L	0.631	4.00	1	11/08/16 19:26	CGC	L310168
Benzo(g,h,i)perylene	<1.00	µg/L	1.00	4.00	1	11/08/16 19:26	CGC	L310168
Benzo(k)fluoranthene	<0.845	µg/L	0.845	4.00	1	11/08/16 19:26	CGC	L310168
Bis(2-Chloroethoxy)methane	<0.615	µg/L	0.615	10.0	1	11/08/16 19:26	CGC	L310168
Bis(2-Chloroethyl)ether	<0.965	µg/L	0.965	10.0	1	11/08/16 19:26	CGC	L310168
Bis(2-Chloroisopropyl)ether	<1.14	µg/L	1.14	10.0	1	11/08/16 19:26	CGC	L310168
Bis(2-ethylhexyl)phthalate	<1.07	µg/L	1.07	20.0	1	11/08/16 19:26	CGC	L310168
4-Bromophenyl phenyl ether	<0.831	µg/L	0.831	10.0	1	11/08/16 19:26	CGC	L310168
Butyl benzyl phthalate	<0.757	µg/L	0.757	10.0	1	11/08/16 19:26	CGC	L310168
4-Chloro-3-methylphenol	<0.686	µg/L	0.686	10.0	1	11/08/16 19:26	CGC	L310168
2-Chloronaphthalene	<1.09	µg/L	1.09	10.0	1	11/08/16 19:26	CGC	L310168
2-Chlorophenol	<1.04	µg/L	1.04	10.0	1	11/08/16 19:26	CGC	L310168
4-Chlorophenyl phenyl ether	<0.461	µg/L	0.461	10.0	1	11/08/16 19:26	CGC	L310168
Chrysene	<0.746	µg/L	0.746	4.00	1	11/08/16 19:26	CGC	L310168
Dibenz(a,h)anthracene	<0.651	µg/L	0.651	4.00	1	11/08/16 19:26	CGC	L310168
1,2-Dichlorobenzene	<1.46	µg/L	1.46	10.0	1	11/08/16 19:26	CGC	L310168
1,3-Dichlorobenzene	<1.45	µg/L	1.45	10.0	1	11/08/16 19:26	CGC	L310168
1,4-Dichlorobenzene	<1.09	µg/L	1.09	10.0	1	11/08/16 19:26	CGC	L310168
3,3'-Dichlorobenzidine	<1.33	µg/L	1.33	10.0	1	11/08/16 19:26	CGC	L310168
2,4-Dichlorophenol	**1.12 J**	µg/L	0.635	10.0	1	11/08/16 19:26	CGC	L310168
Diethyl phthalate	<0.469	µg/L	0.469	10.0	1	11/08/16 19:26	CGC	L310168

Qualifiers/ Definitions

DF	Dilution Factor	J	Estimated value
MQL	Method Quantitation Limit	Q	RPD >40% dual column results

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Lab No : **93321**
Sample ID : **WT - B**

Matrix: **Aqueous**
Sampled: **11/3/2016 15:15**

Analytical Method: 625 **Prep Batch(es):** **L310032** 11/08/16 13:40
Prep Method: 625

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Dimethyl phthalate	<0.769	µg/L	0.769	10.0	1	11/08/16 19:26	CGC	L310168
2,4-Dimethylphenol	<1.69	µg/L	1.69	10.0	1	11/08/16 19:26	CGC	L310168
Di-n-butyl phthalate	<0.803	µg/L	0.803	10.0	1	11/08/16 19:26	CGC	L310168
4,6-Dinitro-o-cresol	<0.908	µg/L	0.908	20.0	1	11/08/16 19:26	CGC	L310168
2,4-Dinitrophenol	<0.458	µg/L	0.458	10.0	1	11/08/16 19:26	CGC	L310168
2,4-Dinitrotoluene	<1.92	µg/L	1.92	10.0	1	11/08/16 19:26	CGC	L310168
2,6-Dinitrotoluene	<1.41	µg/L	1.41	10.0	1	11/08/16 19:26	CGC	L310168
Di-n-Octyl Phthalate	<0.707	µg/L	0.707	10.0	1	11/08/16 19:26	CGC	L310168
1,2-Diphenylhydrazine/Azobenzene	<0.817	µg/L	0.817	10.0	1	11/08/16 19:26	CGC	L310168
Fluoranthene	<0.879	µg/L	0.879	4.00	1	11/08/16 19:26	CGC	L310168
Fluorene	<0.585	µg/L	0.585	4.00	1	11/08/16 19:26	CGC	L310168
Hexachlorobenzene	<0.621	µg/L	0.621	10.0	1	11/08/16 19:26	CGC	L310168
Hexachlorobutadiene	<1.31	µg/L	1.31	10.0	1	11/08/16 19:26	CGC	L310168
Hexachlorocyclopentadiene	<0.464	µg/L	0.464	10.0	1	11/08/16 19:26	CGC	L310168
Hexachloroethane	<1.17	µg/L	1.17	10.0	1	11/08/16 19:26	CGC	L310168
Indeno(1,2,3-cd)pyrene	<1.04	µg/L	1.04	4.00	1	11/08/16 19:26	CGC	L310168
Isophorone	<0.379	µg/L	0.379	10.0	1	11/08/16 19:26	CGC	L310168
Naphthalene	<0.608	µg/L	0.608	4.00	1	11/08/16 19:26	CGC	L310168
Nitrobenzene	<0.710	µg/L	0.710	10.0	1	11/08/16 19:26	CGC	L310168
2-Nitrophenol	<1.01	µg/L	1.01	10.0	1	11/08/16 19:26	CGC	L310168
4-Nitrophenol	<0.746	µg/L	0.746	40.0	1	11/08/16 19:26	CGC	L310168
N-Nitrosodimethylamine	<0.741	µg/L	0.741	10.0	1	11/08/16 19:26	CGC	L310168

Qualifiers/ Definitions				
	DF	Dilution Factor	J	Estimated value
	MQL	Method Quantitation Limit	Q	RPD >40% dual column results

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Lab No : **93321**
Sample ID : **WT - B**

Matrix: **Aqueous**
Sampled: **11/3/2016 15:15**

Analytical Method: 625 **Prep Batch(es):** **L310032** 11/08/16 13:40
Prep Method: 625

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
N-Nitrosodiphenylamine	<0.812	µg/L	0.812	20.0	1	11/08/16 19:26	CGC	L310168
N-Nitroso-di-n-propylamine	<1.12	µg/L	1.12	10.0	1	11/08/16 19:26	CGC	L310168
Pentachlorophenol	<1.08	µg/L	1.08	10.0	1	11/08/16 19:26	CGC	L310168
Phenanthrene	<0.911	µg/L	0.911	4.00	1	11/08/16 19:26	CGC	L310168
Phenol	<0.517	µg/L	0.517	10.0	1	11/08/16 19:26	CGC	L310168
Pyrene	<1.05	µg/L	1.05	4.00	1	11/08/16 19:26	CGC	L310168
1,2,4-Trichlorobenzene	<0.988	µg/L	0.988	10.0	1	11/08/16 19:26	CGC	L310168
2,4,6-Trichlorophenol	<0.831	µg/L	0.831	10.0	1	11/08/16 19:26	CGC	L310168
Surrogate: 2-Fluorobiphenyl	47.1		Limits: 38-107%		1	11/08/16 19:26	CGC	L310168
Surrogate: 2-Fluorophenol	30.5		Limits: 8-88%		1	11/08/16 19:26	CGC	L310168
Surrogate: Nitrobenzene-d5	49.0		Limits: 29-105%		1	11/08/16 19:26	CGC	L310168
Surrogate: Phenol-d6	21.1		Limits: 7-58%		1	11/08/16 19:26	CGC	L310168
Surrogate: 4-Terphenyl-d14	53.0		Limits: 30-130%		1	11/08/16 19:26	CGC	L310168
Surrogate: 2,4,6-Tribromophenol	60.3		Limits: 16-138%		1	11/08/16 19:26	CGC	L310168

Analytical Method: 625 Screen **Prep Batch(es):** **L309824** 11/07/16 10:40
Prep Method: 625

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch	
Dioxin (2,3,7,8-TCDD) screen	<0.400	µg/L	0.400	1.00	1	11/09/16 01:08	RQE	L310125	~

Qualifiers/ Definitions				
	DF	Dilution Factor	J	Estimated value
	MQL	Method Quantitation Limit	Q	RPD >40% dual column results

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Lab No : **93321**
Sample ID : **WT - B**

Matrix: **Aqueous**
Sampled: **11/3/2016 15:15**

Analytical Method: EPA-608 (PCB) **Prep Batch(es):** **L309792** 11/07/16 09:40
Prep Method: EPA-608 (PCB Prep)

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Aroclor 1016	<0.0702	µg/L	0.0702	0.400	1	11/07/16 18:45	VIC	L310057
Aroclor 1221	<0.334	µg/L	0.334	0.400	1	11/07/16 18:45	VIC	L310057
Aroclor 1232	<0.334	µg/L	0.334	0.400	1	11/07/16 18:45	VIC	L310057
Aroclor 1242	<0.334	µg/L	0.334	0.400	1	11/07/16 18:45	VIC	L310057
Aroclor 1248	<0.334	µg/L	0.334	0.400	1	11/07/16 18:45	VIC	L310057
Aroclor 1254	<0.334	µg/L	0.334	0.400	1	11/07/16 18:45	VIC	L310057
Aroclor 1260	<0.103	µg/L	0.103	0.400	1	11/07/16 18:45	VIC	L310057
Surrogate: Decachlorobiphenyl	58.8		Limits: 25-125%		1	11/07/16 18:45	VIC	L310057
Surrogate: Tetrachloro-m-xylene	42.3		Limits: 25-125%		1	11/07/16 18:45	VIC	L310057

Qualifiers/ Definitions				
	DF	Dilution Factor	J	Estimated value
	MQL	Method Quantitation Limit	Q	RPD >40% dual column results

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Lab No : **93322**
Sample ID : **WT - Overflow**

Matrix: **Aqueous**
Sampled: **11/3/2016 15:30**

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Method
Cyanide, Total	**0.043**	mg/L	0.003	0.005	1	11/07/16 10:53	EWB	4500CNE-2011
pH	**9.7**	s.u.			1	11/04/16 15:15	RRR	4500H+B-2011
Total Cadmium	<0.0005	mg/L	0.0005	0.0020	1	11/10/16 20:37	CCR	EPA-200.7
Total Chromium	**3.14**	mg/L	0.001	0.005	1	11/10/16 20:37	CCR	EPA-200.7
Total Copper	**0.510**	mg/L	0.002	0.005	1	11/10/16 20:37	CCR	EPA-200.7
Total Lead	**0.038**	mg/L	0.003	0.006	1	11/10/16 20:37	CCR	EPA-200.7
Total Nickel	**12.0**	mg/L	0.002	0.005	1	11/10/16 20:37	CCR	EPA-200.7
Total Silver	<0.001	mg/L	0.001	0.005	1	11/10/16 20:37	CCR	EPA-200.7
Total Zinc	**0.128**	mg/L	0.002	0.010	1	11/10/16 20:37	CCR	EPA-200.7

Qualifiers/ Definitions

DF	Dilution Factor	J	Estimated value
MQL	Method Quantitation Limit	Q	RPD >40% dual column results

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Lab No : **93322**
Sample ID : **WT - Overflow**

Matrix: **Aqueous**
Sampled: **11/3/2016 15:30**

Analytical Method: 608 **Prep Batch(es):** **L309794** 11/07/16 09:40
Prep Method: EPA-608 (PREP)

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Aldrin	<0.00983	µg/L	0.00983	0.0400	10	11/07/16 20:33	VIC	L310017
alpha-BHC	<0.00700	µg/L	0.00700	0.0400	10	11/07/16 20:33	VIC	L310017
beta-BHC	<0.0193	µg/L	0.0193	0.0400	10	11/07/16 20:33	VIC	L310017
delta-BHC	**1.03 Q**	µg/L	0.0143	0.0400	10	11/07/16 20:33	VIC	L310017
Chlordane	<0.0670	µg/L	0.0670	0.200	10	11/07/16 20:33	VIC	L310017
4,4'-DDD	**0.0251 JQ**	µg/L	0.0120	0.0400	10	11/07/16 20:33	VIC	L310017
4,4'-DDE	<0.0101	µg/L	0.0101	0.0400	10	11/07/16 20:33	VIC	L310017
4,4'-DDT	<0.0138	µg/L	0.0138	0.0400	10	11/07/16 20:33	VIC	L310017
Dieldrin	<0.00942	µg/L	0.00942	0.0400	10	11/07/16 20:33	VIC	L310017
Alpha-endosulfan	<0.0182	µg/L	0.0182	0.0400	10	11/07/16 20:33	VIC	L310017
Beta-endosulfan	<0.0220	µg/L	0.0220	0.0400	10	11/07/16 20:33	VIC	L310017
Endosulfan Sulfate	<0.0240	µg/L	0.0240	0.0400	10	11/07/16 20:33	VIC	L310017
Endrin	<0.00327	µg/L	0.00327	0.0400	10	11/07/16 20:33	VIC	L310017
Endrin Aldehyde	<0.00503	µg/L	0.00503	0.0400	10	11/07/16 20:33	VIC	L310017
gamma-BHC	**0.0114 JQ**	µg/L	0.00305	0.0400	10	11/07/16 20:33	VIC	L310017
Heptachlor	<0.00275	µg/L	0.00275	0.0400	10	11/07/16 20:33	VIC	L310017
Heptachlor Epoxide	<0.00282	µg/L	0.00282	0.0400	10	11/07/16 20:33	VIC	L310017
Toxaphene	<0.100	µg/L	0.100	0.300	10	11/07/16 20:33	VIC	L310017
Surrogate: Decachlorobiphenyl	38.9		Limits: 36-116%		10	11/07/16 20:33	VIC	L310017
Surrogate: Tetrachloro-m-xylene	29.9		Limits: 25-123%		10	11/07/16 20:33	VIC	L310017

Qualifiers/ Definitions

DF	Dilution Factor	J	Estimated value
MQL	Method Quantitation Limit	Q	RPD >40% dual column results

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Lab No : **93322**
Sample ID : **WT - Overflow**

Matrix: **Aqueous**
Sampled: **11/3/2016 15:30**

Analytical Method: 624 **Prep Batch(es):** **L310437** 11/10/16 09:39
Prep Method: EPA-624 (PREP)

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Acrolein	<17.2	µg/L	17.2	200	10	11/10/16 18:27	AGH	L310440
Acrylonitrile	<10.3	µg/L	10.3	200	10	11/10/16 18:27	AGH	L310440
Benzene	<1.47	µg/L	1.47	10.0	10	11/10/16 18:27	AGH	L310440
Bromodichloromethane	<2.04	µg/L	2.04	10.0	10	11/10/16 18:27	AGH	L310440
Bromoform	<4.65	µg/L	4.65	10.0	10	11/10/16 18:27	AGH	L310440
Bromomethane	<4.88	µg/L	4.88	10.0	10	11/10/16 18:27	AGH	L310440
Carbon Tetrachloride	<2.11	µg/L	2.11	10.0	10	11/10/16 18:27	AGH	L310440
Chlorobenzene	<4.52	µg/L	4.52	10.0	10	11/10/16 18:27	AGH	L310440
Chlorodibromomethane	<2.54	µg/L	2.54	10.0	10	11/10/16 18:27	AGH	L310440
Chloroethane	<5.92	µg/L	5.92	10.0	10	11/10/16 18:27	AGH	L310440
2-Chloroethylvinyl Ether	<8.02	µg/L	8.02	50.0	10	11/10/16 18:27	AGH	L310440
Chloroform	<1.97	µg/L	1.97	10.0	10	11/10/16 18:27	AGH	L310440
Chloromethane	<5.39	µg/L	5.39	10.0	10	11/10/16 18:27	AGH	L310440
Dichlorodifluoromethane	<7.12	µg/L	7.12	10.0	10	11/10/16 18:27	AGH	L310440
1,1-Dichloroethane	<1.68	µg/L	1.68	10.0	10	11/10/16 18:27	AGH	L310440
1,2-Dichloroethane	<1.00	µg/L	1.00	10.0	10	11/10/16 18:27	AGH	L310440
1,1-Dichloroethene	<1.38	µg/L	1.38	10.0	10	11/10/16 18:27	AGH	L310440
1,2-Trans-dichlorothylene	<1.73	µg/L	1.73	10.0	10	11/10/16 18:27	AGH	L310440
1,2-Dichloropropane	<3.29	µg/L	3.29	10.0	10	11/10/16 18:27	AGH	L310440
cis-1,3-Dichloropropene	<1.71	µg/L	1.71	10.0	10	11/10/16 18:27	AGH	L310440
trans-1,3-Dichloropropene	<2.33	µg/L	2.33	10.0	10	11/10/16 18:27	AGH	L310440
Ethylbenzene	<2.76	µg/L	2.76	10.0	10	11/10/16 18:27	AGH	L310440

Qualifiers/ Definitions

DF	Dilution Factor	J	Estimated value
MQL	Method Quantitation Limit	Q	RPD >40% dual column results

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Lab No : **93322**
Sample ID : **WT - Overflow**

Matrix: **Aqueous**
Sampled: **11/3/2016 15:30**

Analytical Method: 624 **Prep Batch(es):** **L310437** 11/10/16 09:39
Prep Method: EPA-624 (PREP)

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Methylene Chloride	<37.5	µg/L	37.5	100	10	11/10/16 18:27	AGH	L310440
1,1,2,2-Tetrachloroethane	<4.82	µg/L	4.82	10.0	10	11/10/16 18:27	AGH	L310440
Tetrachloroethylene	<2.65	µg/L	2.65	10.0	10	11/10/16 18:27	AGH	L310440
Toluene	<2.03	µg/L	2.03	50.0	10	11/10/16 18:27	AGH	L310440
1,1,1-Trichloroethane	<1.63	µg/L	1.63	10.0	10	11/10/16 18:27	AGH	L310440
1,1,2-Trichloroethane	<2.16	µg/L	2.16	10.0	10	11/10/16 18:27	AGH	L310440
Trichloroethylene	<2.73	µg/L	2.73	10.0	10	11/10/16 18:27	AGH	L310440
Trichlorofluoromethane	<3.08	µg/L	3.08	10.0	10	11/10/16 18:27	AGH	L310440
Vinyl Chloride	<3.94	µg/L	3.94	10.0	10	11/10/16 18:27	AGH	L310440
Surrogate: 4-Bromofluorobenzene	100		Limits: 71-131%		10	11/10/16 18:27	AGH	L310440
Surrogate: Dibromofluoromethane	72.2		Limits: 70-128%		10	11/10/16 18:27	AGH	L310440
Surrogate: 1,2-Dichloroethane - d4	69.4		Limits: 67-136%		10	11/10/16 18:27	AGH	L310440
Surrogate: Toluene-d8	80.0		Limits: 70-130%		10	11/10/16 18:27	AGH	L310440

Analytical Method: 625 **Prep Batch(es):** **L310032** 11/08/16 13:40
Prep Method: 625

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Acenaphthene	<0.480	µg/L	0.480	2.00	1	11/10/16 14:13	CGC	L310168
Acenaphthylene	<0.418	µg/L	0.418	2.00	1	11/10/16 14:13	CGC	L310168
Anthracene	<0.452	µg/L	0.452	2.00	1	11/10/16 14:13	CGC	L310168
Benzidine	<1.08	µg/L	1.08	20.0	1	11/10/16 14:13	CGC	L310168
Benzo(a)anthracene	<0.263	µg/L	0.263	2.00	1	11/10/16 14:13	CGC	L310168

Qualifiers/ Definitions

DF	Dilution Factor	J	Estimated value
MQL	Method Quantitation Limit	Q	RPD >40% dual column results

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Lab No : **93322**
Sample ID : **WT - Overflow**

Matrix: **Aqueous**
Sampled: **11/3/2016 15:30**

Analytical Method: 625
Prep Method: 625
Prep Batch(es): **L310032** 11/08/16 13:40

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Benzo(a)pyrene	<0.238	µg/L	0.238	2.00	1	11/10/16 14:13	CGC	L310168
Benzo(b)fluoranthene	<0.315	µg/L	0.315	2.00	1	11/10/16 14:13	CGC	L310168
Benzo(g,h,i)perylene	<0.501	µg/L	0.501	2.00	1	11/10/16 14:13	CGC	L310168
Benzo(k)fluoranthene	<0.422	µg/L	0.422	2.00	1	11/10/16 14:13	CGC	L310168
Bis(2-Chloroethoxy)methane	<0.307	µg/L	0.307	5.00	1	11/10/16 14:13	CGC	L310168
Bis(2-Chloroethyl)ether	<0.482	µg/L	0.482	5.00	1	11/10/16 14:13	CGC	L310168
Bis(2-Chloroisopropyl)ether	<0.568	µg/L	0.568	5.00	1	11/10/16 14:13	CGC	L310168
Bis(2-ethylhexyl)phthalate	<0.534	µg/L	0.534	10.0	1	11/10/16 14:13	CGC	L310168
4-Bromophenyl phenyl ether	<0.415	µg/L	0.415	5.00	1	11/10/16 14:13	CGC	L310168
Butyl benzyl phthalate	<0.378	µg/L	0.378	5.00	1	11/10/16 14:13	CGC	L310168
4-Chloro-3-methylphenol	<0.343	µg/L	0.343	5.00	1	11/10/16 14:13	CGC	L310168
2-Chloronaphthalene	<0.544	µg/L	0.544	5.00	1	11/10/16 14:13	CGC	L310168
2-Chlorophenol	<0.520	µg/L	0.520	5.00	1	11/10/16 14:13	CGC	L310168
4-Chlorophenyl phenyl ether	<0.230	µg/L	0.230	5.00	1	11/10/16 14:13	CGC	L310168
Chrysene	<0.373	µg/L	0.373	2.00	1	11/10/16 14:13	CGC	L310168
Dibenz(a,h)anthracene	<0.325	µg/L	0.325	2.00	1	11/10/16 14:13	CGC	L310168
1,2-Dichlorobenzene	<0.731	µg/L	0.731	5.00	1	11/10/16 14:13	CGC	L310168
1,3-Dichlorobenzene	<0.726	µg/L	0.726	5.00	1	11/10/16 14:13	CGC	L310168
1,4-Dichlorobenzene	<0.547	µg/L	0.547	5.00	1	11/10/16 14:13	CGC	L310168
3,3'-Dichlorobenzidine	<0.664	µg/L	0.664	5.00	1	11/10/16 14:13	CGC	L310168
2,4-Dichlorophenol	<0.317	µg/L	0.317	5.00	1	11/10/16 14:13	CGC	L310168
Diethyl phthalate	<0.234	µg/L	0.234	5.00	1	11/10/16 14:13	CGC	L310168

Qualifiers/ Definitions

DF	Dilution Factor	J	Estimated value
MQL	Method Quantitation Limit	Q	RPD >40% dual column results

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Lab No : **93322**
Sample ID : **WT - Overflow**

Matrix: **Aqueous**
Sampled: **11/3/2016 15:30**

Analytical Method: 625 **Prep Batch(es):** **L310032** 11/08/16 13:40
Prep Method: 625

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Dimethyl phthalate	<0.384	µg/L	0.384	5.00	1	11/10/16 14:13	CGC	L310168
2,4-Dimethylphenol	<0.842	µg/L	0.842	5.00	1	11/10/16 14:13	CGC	L310168
Di-n-butyl phthalate	<0.401	µg/L	0.401	5.00	1	11/10/16 14:13	CGC	L310168
4,6-Dinitro-o-cresol	<0.454	µg/L	0.454	10.0	1	11/10/16 14:13	CGC	L310168
2,4-Dinitrophenol	<0.229	µg/L	0.229	5.00	1	11/10/16 14:13	CGC	L310168
2,4-Dinitrotoluene	<0.958	µg/L	0.958	5.00	1	11/10/16 14:13	CGC	L310168
2,6-Dinitrotoluene	<0.705	µg/L	0.705	5.00	1	11/10/16 14:13	CGC	L310168
Di-n-Octyl Phthalate	<0.353	µg/L	0.353	5.00	1	11/10/16 14:13	CGC	L310168
1,2-Diphenylhydrazine/Azobenzene	<0.408	µg/L	0.408	5.00	1	11/10/16 14:13	CGC	L310168
Fluoranthene	<0.439	µg/L	0.439	2.00	1	11/10/16 14:13	CGC	L310168
Fluorene	<0.292	µg/L	0.292	2.00	1	11/10/16 14:13	CGC	L310168
Hexachlorobenzene	<0.310	µg/L	0.310	5.00	1	11/10/16 14:13	CGC	L310168
Hexachlorobutadiene	<0.653	µg/L	0.653	5.00	1	11/10/16 14:13	CGC	L310168
Hexachlorocyclopentadiene	<0.232	µg/L	0.232	5.00	1	11/10/16 14:13	CGC	L310168
Hexachloroethane	<0.582	µg/L	0.582	5.00	1	11/10/16 14:13	CGC	L310168
Indeno(1,2,3-cd)pyrene	<0.518	µg/L	0.518	2.00	1	11/10/16 14:13	CGC	L310168
Isophorone	<0.189	µg/L	0.189	5.00	1	11/10/16 14:13	CGC	L310168
Naphthalene	<0.304	µg/L	0.304	2.00	1	11/10/16 14:13	CGC	L310168
Nitrobenzene	<0.355	µg/L	0.355	5.00	1	11/10/16 14:13	CGC	L310168
2-Nitrophenol	<0.504	µg/L	0.504	5.00	1	11/10/16 14:13	CGC	L310168
4-Nitrophenol	<0.373	µg/L	0.373	20.0	1	11/10/16 14:13	CGC	L310168
N-Nitrosodimethylamine	<0.370	µg/L	0.370	5.00	1	11/10/16 14:13	CGC	L310168

Qualifiers/ Definitions				
	DF	Dilution Factor	J	Estimated value
	MQL	Method Quantitation Limit	Q	RPD >40% dual column results

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Lab No : **93322**
Sample ID : **WT - Overflow**

Matrix: **Aqueous**
Sampled: **11/3/2016 15:30**

Analytical Method: 625 **Prep Batch(es):** **L310032** 11/08/16 13:40
Prep Method: 625

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
N-Nitrosodiphenylamine	<0.406	µg/L	0.406	10.0	1	11/10/16 14:13	CGC	L310168
N-Nitroso-di-n-propylamine	<0.561	µg/L	0.561	5.00	1	11/10/16 14:13	CGC	L310168
Pentachlorophenol	<0.540	µg/L	0.540	5.00	1	11/10/16 14:13	CGC	L310168
Phenanthrene	<0.455	µg/L	0.455	2.00	1	11/10/16 14:13	CGC	L310168
Phenol	<0.258	µg/L	0.258	5.00	1	11/10/16 14:13	CGC	L310168
Pyrene	<0.526	µg/L	0.526	2.00	1	11/10/16 14:13	CGC	L310168
1,2,4-Trichlorobenzene	<0.494	µg/L	0.494	5.00	1	11/10/16 14:13	CGC	L310168
2,4,6-Trichlorophenol	**0.863 J**	µg/L	0.415	5.00	1	11/10/16 14:13	CGC	L310168
Surrogate: 2-Fluorobiphenyl	47.0		Limits: 38-107%		1	11/10/16 14:13	CGC	L310168
Surrogate: 2-Fluorophenol	24.3		Limits: 8-88%		1	11/10/16 14:13	CGC	L310168
Surrogate: Nitrobenzene-d5	43.7		Limits: 29-105%		1	11/10/16 14:13	CGC	L310168
Surrogate: Phenol-d6	20.7		Limits: 7-58%		1	11/10/16 14:13	CGC	L310168
Surrogate: 4-Terphenyl-d14	62.6		Limits: 30-130%		1	11/10/16 14:13	CGC	L310168
Surrogate: 2,4,6-Tribromophenol	55.0		Limits: 16-138%		1	11/10/16 14:13	CGC	L310168

Analytical Method: 625 Screen **Prep Batch(es):** **L309824** 11/07/16 10:40
Prep Method: 625

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch	
Dioxin (2,3,7,8-TCDD) screen	<0.200	µg/L	0.200	1.00	1	11/09/16 01:39	RQE	L310125	~

Qualifiers/ Definitions				
	DF	Dilution Factor	J	Estimated value
	MQL	Method Quantitation Limit	Q	RPD >40% dual column results

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Lab No : **93322**
Sample ID : **WT - Overflow**

Matrix: **Aqueous**
Sampled: **11/3/2016 15:30**

Analytical Method: EPA-608 (PCB) **Prep Batch(es):** **L309792** 11/07/16 09:40
Prep Method: EPA-608 (PCB Prep)

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Aroclor 1016	<0.0351	µg/L	0.0351	0.200	1	11/07/16 19:02	VIC	L310057
Aroclor 1221	<0.167	µg/L	0.167	0.200	1	11/07/16 19:02	VIC	L310057
Aroclor 1232	<0.167	µg/L	0.167	0.200	1	11/07/16 19:02	VIC	L310057
Aroclor 1242	<0.167	µg/L	0.167	0.200	1	11/07/16 19:02	VIC	L310057
Aroclor 1248	<0.167	µg/L	0.167	0.200	1	11/07/16 19:02	VIC	L310057
Aroclor 1254	<0.167	µg/L	0.167	0.200	1	11/07/16 19:02	VIC	L310057
Aroclor 1260	<0.0513	µg/L	0.0513	0.200	1	11/07/16 19:02	VIC	L310057
Surrogate: Decachlorobiphenyl	61.1		Limits: 25-125%		1	11/07/16 19:02	VIC	L310057
Surrogate: Tetrachloro-m-xylene	53.2		Limits: 25-125%		1	11/07/16 19:02	VIC	L310057

Qualifiers/ Definitions				
	DF	Dilution Factor	J	Estimated value
	MQL	Method Quantitation Limit	Q	RPD >40% dual column results

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Lab No : **93323**
Sample ID : **WT - ST**

Matrix: **Aqueous**
Sampled: **11/3/2016 15:45**

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Method
Cyanide, Total	<0.003	mg/L	0.003	0.005	1	11/07/16 10:53	EWB	4500CNE-2011
pH	**8.4**	s.u.			1	11/04/16 15:15	RRR	4500H+B-2011
Total Cadmium	<0.0005	mg/L	0.0005	0.0020	1	11/10/16 20:51	CCR	EPA-200.7
Total Chromium	**0.027**	mg/L	0.001	0.005	1	11/10/16 20:51	CCR	EPA-200.7
Total Copper	**0.037**	mg/L	0.002	0.005	1	11/10/16 20:51	CCR	EPA-200.7
Total Lead	<0.003	mg/L	0.003	0.006	1	11/10/16 20:51	CCR	EPA-200.7
Total Nickel	**0.921**	mg/L	0.002	0.005	1	11/10/16 20:51	CCR	EPA-200.7
Total Silver	<0.001	mg/L	0.001	0.005	1	11/10/16 20:51	CCR	EPA-200.7
Total Zinc	**0.011**	mg/L	0.002	0.010	1	11/10/16 20:51	CCR	EPA-200.7

Qualifiers/ Definitions				
	DF	Dilution Factor	J	Estimated value
	MQL	Method Quantitation Limit	Q	RPD >40% dual column results

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Lab No : **93323**
Sample ID : **WT - ST**

Matrix: **Aqueous**
Sampled: **11/3/2016 15:45**

Analytical Method: 608 **Prep Batch(es):** **L309794** 11/07/16 09:40
Prep Method: EPA-608 (PREP)

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Aldrin	<0.00983	µg/L	0.00983	0.0400	10	11/07/16 20:50	VIC	L310017
alpha-BHC	<0.00700	µg/L	0.00700	0.0400	10	11/07/16 20:50	VIC	L310017
beta-BHC	<0.0193	µg/L	0.0193	0.0400	10	11/07/16 20:50	VIC	L310017
delta-BHC	<0.0143	µg/L	0.0143	0.0400	10	11/07/16 20:50	VIC	L310017
Chlordane	<0.0670	µg/L	0.0670	0.200	10	11/07/16 20:50	VIC	L310017
4,4'-DDD	**0.0261 J**	µg/L	0.0120	0.0400	10	11/07/16 20:50	VIC	L310017
4,4'-DDE	<0.0101	µg/L	0.0101	0.0400	10	11/07/16 20:50	VIC	L310017
4,4'-DDT	<0.0138	µg/L	0.0138	0.0400	10	11/07/16 20:50	VIC	L310017
Dieldrin	<0.00942	µg/L	0.00942	0.0400	10	11/07/16 20:50	VIC	L310017
Alpha-endosulfan	<0.0182	µg/L	0.0182	0.0400	10	11/07/16 20:50	VIC	L310017
Beta-endosulfan	<0.0220	µg/L	0.0220	0.0400	10	11/07/16 20:50	VIC	L310017
Endosulfan Sulfate	<0.0240	µg/L	0.0240	0.0400	10	11/07/16 20:50	VIC	L310017
Endrin	<0.00327	µg/L	0.00327	0.0400	10	11/07/16 20:50	VIC	L310017
Endrin Aldehyde	**0.0150 JQ**	µg/L	0.00503	0.0400	10	11/07/16 20:50	VIC	L310017
gamma-BHC	<0.00305	µg/L	0.00305	0.0400	10	11/07/16 20:50	VIC	L310017
Heptachlor	<0.00275	µg/L	0.00275	0.0400	10	11/07/16 20:50	VIC	L310017
Heptachlor Epoxide	<0.00282	µg/L	0.00282	0.0400	10	11/07/16 20:50	VIC	L310017
Toxaphene	<0.100	µg/L	0.100	0.300	10	11/07/16 20:50	VIC	L310017
Surrogate: Decachlorobiphenyl	68.4		Limits: 36-116%		10	11/07/16 20:50	VIC	L310017
Surrogate: Tetrachloro-m-xylene	33.9		Limits: 25-123%		10	11/07/16 20:50	VIC	L310017

Qualifiers/ Definitions

DF	Dilution Factor	J	Estimated value
MQL	Method Quantitation Limit	Q	RPD >40% dual column results

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Lab No : **93323**
Sample ID : **WT - ST**

Matrix: **Aqueous**
Sampled: **11/3/2016 15:45**

Analytical Method: 624 **Prep Batch(es):** **L310437** 11/10/16 09:39
Prep Method: EPA-624 (PREP)

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Acrolein	<1.72	µg/L	1.72	20.0	1	11/10/16 19:08	AGH	L310440
Acrylonitrile	<1.03	µg/L	1.03	20.0	1	11/10/16 19:08	AGH	L310440
Benzene	<0.147	µg/L	0.147	1.00	1	11/10/16 19:08	AGH	L310440
Bromodichloromethane	<0.204	µg/L	0.204	1.00	1	11/10/16 19:08	AGH	L310440
Bromoform	<0.465	µg/L	0.465	1.00	1	11/10/16 19:08	AGH	L310440
Bromomethane	<0.488	µg/L	0.488	1.00	1	11/10/16 19:08	AGH	L310440
Carbon Tetrachloride	<0.211	µg/L	0.211	1.00	1	11/10/16 19:08	AGH	L310440
Chlorobenzene	<0.452	µg/L	0.452	1.00	1	11/10/16 19:08	AGH	L310440
Chlorodibromomethane	<0.254	µg/L	0.254	1.00	1	11/10/16 19:08	AGH	L310440
Chloroethane	<0.592	µg/L	0.592	1.00	1	11/10/16 19:08	AGH	L310440
2-Chloroethylvinyl Ether	<0.802	µg/L	0.802	5.00	1	11/10/16 19:08	AGH	L310440
Chloroform	<0.197	µg/L	0.197	1.00	1	11/10/16 19:08	AGH	L310440
Chloromethane	<0.539	µg/L	0.539	1.00	1	11/10/16 19:08	AGH	L310440
Dichlorodifluoromethane	<0.712	µg/L	0.712	1.00	1	11/10/16 19:08	AGH	L310440
1,1-Dichloroethane	<0.168	µg/L	0.168	1.00	1	11/10/16 19:08	AGH	L310440
1,2-Dichloroethane	<0.100	µg/L	0.100	1.00	1	11/10/16 19:08	AGH	L310440
1,1-Dichloroethene	<0.138	µg/L	0.138	1.00	1	11/10/16 19:08	AGH	L310440
1,2-Trans-dichlorothylene	<0.173	µg/L	0.173	1.00	1	11/10/16 19:08	AGH	L310440
1,2-Dichloropropane	<0.329	µg/L	0.329	1.00	1	11/10/16 19:08	AGH	L310440
cis-1,3-Dichloropropene	<0.171	µg/L	0.171	1.00	1	11/10/16 19:08	AGH	L310440
trans-1,3-Dichloropropene	<0.233	µg/L	0.233	1.00	1	11/10/16 19:08	AGH	L310440
Ethylbenzene	<0.276	µg/L	0.276	1.00	1	11/10/16 19:08	AGH	L310440

Qualifiers/ Definitions

DF	Dilution Factor	J	Estimated value
MQL	Method Quantitation Limit	Q	RPD >40% dual column results

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Lab No : **93323**
Sample ID : **WT - ST**

Matrix: **Aqueous**
Sampled: **11/3/2016 15:45**

Analytical Method: 624 **Prep Batch(es):** **L310437** 11/10/16 09:39
Prep Method: EPA-624 (PREP)

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Methylene Chloride	<3.75	µg/L	3.75	10.0	1	11/10/16 19:08	AGH	L310440
1,1,2,2-Tetrachloroethane	<0.482	µg/L	0.482	1.00	1	11/10/16 19:08	AGH	L310440
Tetrachloroethylene	<0.265	µg/L	0.265	1.00	1	11/10/16 19:08	AGH	L310440
Toluene	<0.203	µg/L	0.203	5.00	1	11/10/16 19:08	AGH	L310440
1,1,1-Trichloroethane	<0.163	µg/L	0.163	1.00	1	11/10/16 19:08	AGH	L310440
1,1,2-Trichloroethane	<0.216	µg/L	0.216	1.00	1	11/10/16 19:08	AGH	L310440
Trichloroethylene	<0.273	µg/L	0.273	1.00	1	11/10/16 19:08	AGH	L310440
Trichlorofluoromethane	<0.308	µg/L	0.308	1.00	1	11/10/16 19:08	AGH	L310440
Vinyl Chloride	<0.394	µg/L	0.394	1.00	1	11/10/16 19:08	AGH	L310440
Surrogate: 4-Bromofluorobenzene	107		Limits: 71-131%		1	11/10/16 19:08	AGH	L310440
Surrogate: Dibromofluoromethane	70.6		Limits: 70-128%		1	11/10/16 19:08	AGH	L310440
Surrogate: 1,2-Dichloroethane - d4	74.2		Limits: 67-136%		1	11/10/16 19:08	AGH	L310440
Surrogate: Toluene-d8	78.2		Limits: 70-130%		1	11/10/16 19:08	AGH	L310440

Analytical Method: 625 **Prep Batch(es):** **L310032** 11/08/16 13:40
Prep Method: 625

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Acenaphthene	<0.480	µg/L	0.480	2.00	1	11/08/16 20:20	CGC	L310168
Acenaphthylene	<0.418	µg/L	0.418	2.00	1	11/08/16 20:20	CGC	L310168
Anthracene	<0.452	µg/L	0.452	2.00	1	11/08/16 20:20	CGC	L310168
Benzidine	<1.08	µg/L	1.08	20.0	1	11/08/16 20:20	CGC	L310168
Benzo(a)anthracene	<0.263	µg/L	0.263	2.00	1	11/08/16 20:20	CGC	L310168

Qualifiers/ Definitions

DF	Dilution Factor	J	Estimated value
MQL	Method Quantitation Limit	Q	RPD >40% dual column results

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Lab No : **93323**
Sample ID : **WT - ST**

Matrix: **Aqueous**
Sampled: **11/3/2016 15:45**

Analytical Method: 625 **Prep Batch(es):** **L310032** 11/08/16 13:40
Prep Method: 625

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Benzo(a)pyrene	<0.238	µg/L	0.238	2.00	1	11/08/16 20:20	CGC	L310168
Benzo(b)fluoranthene	<0.315	µg/L	0.315	2.00	1	11/08/16 20:20	CGC	L310168
Benzo(g,h,i)perylene	<0.501	µg/L	0.501	2.00	1	11/08/16 20:20	CGC	L310168
Benzo(k)fluoranthene	<0.422	µg/L	0.422	2.00	1	11/08/16 20:20	CGC	L310168
Bis(2-Chloroethoxy)methane	<0.307	µg/L	0.307	5.00	1	11/08/16 20:20	CGC	L310168
Bis(2-Chloroethyl)ether	<0.482	µg/L	0.482	5.00	1	11/08/16 20:20	CGC	L310168
Bis(2-Chloroisopropyl)ether	<0.568	µg/L	0.568	5.00	1	11/08/16 20:20	CGC	L310168
Bis(2-ethylhexyl)phthalate	<0.534	µg/L	0.534	10.0	1	11/08/16 20:20	CGC	L310168
4-Bromophenyl phenyl ether	<0.415	µg/L	0.415	5.00	1	11/08/16 20:20	CGC	L310168
Butyl benzyl phthalate	<0.378	µg/L	0.378	5.00	1	11/08/16 20:20	CGC	L310168
4-Chloro-3-methylphenol	<0.343	µg/L	0.343	5.00	1	11/08/16 20:20	CGC	L310168
2-Chloronaphthalene	<0.544	µg/L	0.544	5.00	1	11/08/16 20:20	CGC	L310168
2-Chlorophenol	<0.520	µg/L	0.520	5.00	1	11/08/16 20:20	CGC	L310168
4-Chlorophenyl phenyl ether	<0.230	µg/L	0.230	5.00	1	11/08/16 20:20	CGC	L310168
Chrysene	<0.373	µg/L	0.373	2.00	1	11/08/16 20:20	CGC	L310168
Dibenz(a,h)anthracene	<0.325	µg/L	0.325	2.00	1	11/08/16 20:20	CGC	L310168
1,2-Dichlorobenzene	<0.731	µg/L	0.731	5.00	1	11/08/16 20:20	CGC	L310168
1,3-Dichlorobenzene	<0.726	µg/L	0.726	5.00	1	11/08/16 20:20	CGC	L310168
1,4-Dichlorobenzene	<0.547	µg/L	0.547	5.00	1	11/08/16 20:20	CGC	L310168
3,3'-Dichlorobenzidine	<0.664	µg/L	0.664	5.00	1	11/08/16 20:20	CGC	L310168
2,4-Dichlorophenol	<0.317	µg/L	0.317	5.00	1	11/08/16 20:20	CGC	L310168
Diethyl phthalate	<0.234	µg/L	0.234	5.00	1	11/08/16 20:20	CGC	L310168

Qualifiers/ Definitions

DF	Dilution Factor	J	Estimated value
MQL	Method Quantitation Limit	Q	RPD >40% dual column results

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Lab No : **93323**
Sample ID : **WT - ST**

Matrix: **Aqueous**
Sampled: **11/3/2016 15:45**

Analytical Method: 625 **Prep Batch(es):** **L310032** 11/08/16 13:40
Prep Method: 625

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Dimethyl phthalate	<0.384	µg/L	0.384	5.00	1	11/08/16 20:20	CGC	L310168
2,4-Dimethylphenol	<0.842	µg/L	0.842	5.00	1	11/08/16 20:20	CGC	L310168
Di-n-butyl phthalate	<0.401	µg/L	0.401	5.00	1	11/08/16 20:20	CGC	L310168
4,6-Dinitro-o-cresol	<0.454	µg/L	0.454	10.0	1	11/08/16 20:20	CGC	L310168
2,4-Dinitrophenol	<0.229	µg/L	0.229	5.00	1	11/08/16 20:20	CGC	L310168
2,4-Dinitrotoluene	<0.958	µg/L	0.958	5.00	1	11/08/16 20:20	CGC	L310168
2,6-Dinitrotoluene	<0.705	µg/L	0.705	5.00	1	11/08/16 20:20	CGC	L310168
Di-n-Octyl Phthalate	<0.353	µg/L	0.353	5.00	1	11/08/16 20:20	CGC	L310168
1,2-Diphenylhydrazine/Azobenzene	<0.408	µg/L	0.408	5.00	1	11/08/16 20:20	CGC	L310168
Fluoranthene	<0.439	µg/L	0.439	2.00	1	11/08/16 20:20	CGC	L310168
Fluorene	<0.292	µg/L	0.292	2.00	1	11/08/16 20:20	CGC	L310168
Hexachlorobenzene	<0.310	µg/L	0.310	5.00	1	11/08/16 20:20	CGC	L310168
Hexachlorobutadiene	<0.653	µg/L	0.653	5.00	1	11/08/16 20:20	CGC	L310168
Hexachlorocyclopentadiene	<0.232	µg/L	0.232	5.00	1	11/08/16 20:20	CGC	L310168
Hexachloroethane	<0.582	µg/L	0.582	5.00	1	11/08/16 20:20	CGC	L310168
Indeno(1,2,3-cd)pyrene	<0.518	µg/L	0.518	2.00	1	11/08/16 20:20	CGC	L310168
Isophorone	<0.189	µg/L	0.189	5.00	1	11/08/16 20:20	CGC	L310168
Naphthalene	<0.304	µg/L	0.304	2.00	1	11/08/16 20:20	CGC	L310168
Nitrobenzene	<0.355	µg/L	0.355	5.00	1	11/08/16 20:20	CGC	L310168
2-Nitrophenol	<0.504	µg/L	0.504	5.00	1	11/08/16 20:20	CGC	L310168
4-Nitrophenol	<0.373	µg/L	0.373	20.0	1	11/08/16 20:20	CGC	L310168
N-Nitrosodimethylamine	<0.370	µg/L	0.370	5.00	1	11/08/16 20:20	CGC	L310168

Qualifiers/ Definitions

DF	Dilution Factor	J	Estimated value
MQL	Method Quantitation Limit	Q	RPD >40% dual column results

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Lab No : **93323**
Sample ID : **WT - ST**

Matrix: **Aqueous**
Sampled: **11/3/2016 15:45**

Analytical Method: 625 **Prep Batch(es):** **L310032** 11/08/16 13:40
Prep Method: 625

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
N-Nitrosodiphenylamine	<0.406	µg/L	0.406	10.0	1	11/08/16 20:20	CGC	L310168
N-Nitroso-di-n-propylamine	<0.561	µg/L	0.561	5.00	1	11/08/16 20:20	CGC	L310168
Pentachlorophenol	<0.540	µg/L	0.540	5.00	1	11/08/16 20:20	CGC	L310168
Phenanthrene	<0.455	µg/L	0.455	2.00	1	11/08/16 20:20	CGC	L310168
Phenol	<0.258	µg/L	0.258	5.00	1	11/08/16 20:20	CGC	L310168
Pyrene	<0.526	µg/L	0.526	2.00	1	11/08/16 20:20	CGC	L310168
1,2,4-Trichlorobenzene	<0.494	µg/L	0.494	5.00	1	11/08/16 20:20	CGC	L310168
2,4,6-Trichlorophenol	<0.415	µg/L	0.415	5.00	1	11/08/16 20:20	CGC	L310168
Surrogate: 2-Fluorobiphenyl	63.5		Limits: 38-107%		1	11/08/16 20:20	CGC	L310168
Surrogate: 2-Fluorophenol	32.8		Limits: 8-88%		1	11/08/16 20:20	CGC	L310168
Surrogate: Nitrobenzene-d5	65.4		Limits: 29-105%		1	11/08/16 20:20	CGC	L310168
Surrogate: Phenol-d6	20.8		Limits: 7-58%		1	11/08/16 20:20	CGC	L310168
Surrogate: 4-Terphenyl-d14	65.4		Limits: 30-130%		1	11/08/16 20:20	CGC	L310168
Surrogate: 2,4,6-Tribromophenol	89.4		Limits: 16-138%		1	11/08/16 20:20	CGC	L310168

Analytical Method: 625 Screen **Prep Batch(es):** **L309824** 11/07/16 10:40
Prep Method: 625

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch	
Dioxin (2,3,7,8-TCDD) screen	<0.200	µg/L	0.200	1.00	1	11/09/16 02:10	RQE	L310125	~

Qualifiers/ Definitions				
	DF	Dilution Factor	J	Estimated value
	MQL	Method Quantitation Limit	Q	RPD >40% dual column results

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 11/18/2016
Received : 11/4/2016

Nathan Pera, IV
Project Manager

Report Number : **16-309-0289**

REPORT OF ANALYSIS

Lab No : **93323**
Sample ID : **WT - ST**

Matrix: **Aqueous**
Sampled: **11/3/2016 15:45**

Analytical Method: EPA-608 (PCB) **Prep Batch(es):** **L309792** 11/07/16 09:40
Prep Method: EPA-608 (PCB Prep)

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Aroclor 1016	<0.0351	µg/L	0.0351	0.200	1	11/07/16 19:19	VIC	L310057
Aroclor 1221	<0.167	µg/L	0.167	0.200	1	11/07/16 19:19	VIC	L310057
Aroclor 1232	<0.167	µg/L	0.167	0.200	1	11/07/16 19:19	VIC	L310057
Aroclor 1242	<0.167	µg/L	0.167	0.200	1	11/07/16 19:19	VIC	L310057
Aroclor 1248	<0.167	µg/L	0.167	0.200	1	11/07/16 19:19	VIC	L310057
Aroclor 1254	<0.167	µg/L	0.167	0.200	1	11/07/16 19:19	VIC	L310057
Aroclor 1260	<0.0513	µg/L	0.0513	0.200	1	11/07/16 19:19	VIC	L310057
Surrogate: Decachlorobiphenyl	106		Limits: 25-125%		1	11/07/16 19:19	VIC	L310057
Surrogate: Tetrachloro-m-xylene	55.5		Limits: 25-125%		1	11/07/16 19:19	VIC	L310057

Qualifiers/ Definitions				
	DF	Dilution Factor	J	Estimated value
	MQL	Method Quantitation Limit	Q	RPD >40% dual column results

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: **Tetra Tech EM, Inc.**
Project Description: **Chromcraft**
Report No: **16-309-0289**

QC Prep Batch: L310260 **Analysis Method:** EPA-200.7
QC Prep Batch Method: EPA-200.7 (PREP) **Analysis Description:** Total Metals

Lab Reagent Blank LRB-L310260 Matrix: AQU

Associated Lab Samples: 93320, 93321, 93322, 93323

Parameter	Units	Blank Result	MDL	MQL	Analyzed
Total Cadmium	mg/L	<0.0005	0.0005	0.0020	11/10/16 11:42
Total Chromium	mg/L	<0.001	0.001	0.005	11/10/16 11:42
Total Copper	mg/L	<0.002	0.002	0.005	11/10/16 11:42
Total Lead	mg/L	<0.003	0.003	0.006	11/10/16 11:42
Total Nickel	mg/L	0.004	0.002	0.005	11/10/16 11:42
Total Silver	mg/L	<0.001	0.001	0.005	11/10/16 11:42
Total Zinc	mg/L	<0.002	0.002	0.010	11/10/16 11:42

Laboratory Control Sample LCS-L310260

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
Total Cadmium	mg/L	0.100	0.0991	99.1	85-115
Total Chromium	mg/L	1.00	1.03	103	85-115
Total Copper	mg/L	1.00	1.00	100	85-115
Total Lead	mg/L	0.100	0.100	100	85-115
Total Nickel	mg/L	1.00	1.00	100	85-115
Total Silver	mg/L	0.100	0.098	98.0	85-115
Total Zinc	mg/L	1.00	1.01	101	85-115

Matrix Spike & Matrix Spike Duplicate L 93323-MS-L310260 L 93323-MSD-L310260

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
Total Cadmium	mg/L	< 0.0005	0.100	0.100	0.0968	0.0977	96.8	97.7	70-130	0.9	20.0
Total Chromium	mg/L	0.027	1.00	1.00	1.00	1.02	97.3	99.3	70-130	1.9	20.0
Total Copper	mg/L	0.037	1.00	1.00	1.04	1.04	100	100	70-130	0.0	20.0
Total Lead	mg/L	< 0.003	0.100	0.100	0.094	0.094	94.0	94.0	70-130	0.0	20.0
Total Nickel	mg/L	0.921	1.00	1.00	1.86	1.86	93.9	93.9	70-130	0.0	20.0

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: **Tetra Tech EM, Inc.**
Project Description: **Chromcraft**
Report No: **16-309-0289**

QC Prep Batch: L310260
QC Prep Batch Method: EPA-200.7 (PREP)
Analysis Method: EPA-200.7
Analysis Description: Total Metals

Matrix Spike & Matrix Spike Duplicate L 93323-MS-L310260 L 93323-MSD-L310260

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
Total Silver	mg/L	< 0.001	0.100	0.100	0.104	0.105	104	105	70-130	0.9	20.0
Total Zinc	mg/L	0.011	1.00	1.00	1.02	1.03	101	102	70-130	0.9	20.0

Post Digestion Spike L 93323-PDS-L310260

Parameter	Units	PDS Result	% Recovery	Analyzed
Total Cadmium	mg/L	0.245	97.9	11/10/16 21:01
Total Chromium	mg/L	2.54	101	11/10/16 21:01
Total Copper	mg/L	2.57	102	11/10/16 21:01
Total Lead	mg/L	0.242	97.1	11/10/16 21:01
Total Nickel	mg/L	2.90	97.9	11/10/16 21:01
Total Silver	mg/L	0.259	104	11/10/16 21:01
Total Zinc	mg/L	2.53	101	11/10/16 21:01

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: **Tetra Tech EM, Inc.**
Project Description: **Chromcraft**
Report No: **16-309-0289**

QC Prep Batch: L309792
QC Prep Batch Method: EPA-608 (PCB Prep)
Analysis Method: EPA-608 (PCB)
Analysis Description: Organochlorine Pesticides and PCBs

Lab Reagent Blank LRB-L309792 Matrix: AQU

Associated Lab Samples: 93320, 93321, 93322, 93323

Parameter	Units	Blank Result	MDL	MQL	Analyzed	% Recovery
Aroclor 1016	µg/L	<0.0351	0.0351	0.200	11/07/16 11:59	
Aroclor 1221	µg/L	<0.167	0.167	0.200	11/07/16 11:59	
Aroclor 1232	µg/L	<0.167	0.167	0.200	11/07/16 11:59	
Aroclor 1242	µg/L	<0.167	0.167	0.200	11/07/16 11:59	
Aroclor 1248	µg/L	<0.167	0.167	0.200	11/07/16 11:59	
Aroclor 1254	µg/L	<0.167	0.167	0.200	11/07/16 11:59	
Aroclor 1260	µg/L	<0.0513	0.0513	0.200	11/07/16 11:59	
Decachlorobiphenyl (S)					11/07/16 11:59	84.6
Tetrachloro-m-xylene (S)					11/07/16 11:59	49.3

Laboratory Control Sample & LCSD LCS-L309792 LCSD-L309792

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS %Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD
Aroclor 1016	µg/L	5.00	3.92	3.58	78.4	71.6	50-114	9.0	20.0
Aroclor 1260	µg/L	5.00	3.82	3.31	76.4	66.2	8-127	14.3	20.0
Decachlorobiphenyl (S)					78.3	83.6	25-125		
Tetrachloro-m-xylene (S)					56.6	55.1	25-125		

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: Tetra Tech EM, Inc.
Project Description: Chromcraft
Report No: 16-309-0289

QC Prep Batch: L309794
QC Prep Batch Method: EPA-608 (PREP)
Analysis Method: 608
Analysis Description: Organochlorine Pesticides

Lab Reagent Blank LRB-L309794 Matrix: AQU

Associated Lab Samples: 93320, 93321, 93322, 93323

Parameter	Units	Blank Result	MDL	MQL	Analyzed	% Recovery
Aldrin	µg/L	<0.00983	0.00983	0.0400	11/07/16 19:06	
alpha-BHC	µg/L	<0.00700	0.00700	0.0400	11/07/16 19:06	
beta-BHC	µg/L	<0.0193	0.0193	0.0400	11/07/16 19:06	
delta-BHC	µg/L	<0.0143	0.0143	0.0400	11/07/16 19:06	
Chlordane	µg/L	<0.0670	0.0670	0.200	11/07/16 19:06	
4,4'-DDD	µg/L	<0.0120	0.0120	0.0400	11/07/16 19:06	
4,4'-DDE	µg/L	<0.0101	0.0101	0.0400	11/07/16 19:06	
4,4'-DDT	µg/L	<0.0138	0.0138	0.0400	11/07/16 19:06	
Dieldrin	µg/L	<0.00942	0.00942	0.0400	11/07/16 19:06	
Endosulfan I	µg/L	<0.0182	0.0182	0.0400	11/07/16 19:06	
Endosulfan II	µg/L	<0.0220	0.0220	0.0400	11/07/16 19:06	
Endosulfan Sulfate	µg/L	<0.0240	0.0240	0.0400	11/07/16 19:06	
Endrin	µg/L	<0.00327	0.00327	0.0400	11/07/16 19:06	
Endrin Aldehyde	µg/L	<0.00503	0.00503	0.0400	11/07/16 19:06	
gamma-BHC	µg/L	<0.00305	0.00305	0.0400	11/07/16 19:06	
Heptachlor	µg/L	<0.00275	0.00275	0.0400	11/07/16 19:06	
Heptachlor Epoxide	µg/L	<0.00282	0.00282	0.0400	11/07/16 19:06	
Toxaphene	µg/L	<0.100	0.100	0.300	11/07/16 19:06	
Decachlorobiphenyl (S)					11/07/16 19:06	83.8
Tetrachloro-m-xylene (S)					11/07/16 19:06	39.5

Laboratory Control Sample & LCSD LCS-L309794 LCSD-L309794

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS %Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD
Aldrin	µg/L	2.00	1.31	1.43	65.5	71.5	42-122	8.7	20.0
alpha-BHC	µg/L	2.00	1.47	1.63	73.5	81.5	37-134	10.3	20.0
beta-BHC	µg/L	2.00	1.99	2.16	99.5	108	17-147	8.1	20.0

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: **Tetra Tech EM, Inc.**
Project Description: **Chromcraft**
Report No: **16-309-0289**

QC Prep Batch: L309794
QC Prep Batch Method: EPA-608 (PREP)
Analysis Method: 608
Analysis Description: Organochlorine Pesticides

Laboratory Control Sample & LCSD LCS-L309794 LCSD-L309794

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS %Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD
delta-BHC	µg/L	2.00	1.76	1.82	88.0	91.0	19-140	3.3	20.0
4,4'-DDD	µg/L	2.00	1.59	1.63	79.5	81.5	31-141	2.4	20.0
4,4'-DDE	µg/L	2.00	1.49	1.52	74.5	76.0	30-145	1.9	20.0
4,4'-DDT	µg/L	2.00	1.53	1.64	76.5	82.0	25-160	6.9	20.0
Dieldrin	µg/L	2.00	1.42	1.49	71.0	74.5	36-146	4.8	20.0
Endosulfan I	µg/L	2.00	1.47	1.55	73.5	77.5	45-153	5.2	20.0
Endosulfan II	µg/L	2.00	1.68	1.72	84.0	86.0	1-202	2.3	20.0
Endosulfan Sulfate	µg/L	2.00	1.92	2.00	96.0	100	26-144	4.0	20.0
Endrin	µg/L	2.00	1.46	1.49	73.0	74.5	30-147	2.0	20.0
Endrin Aldehyde	µg/L	2.00	2.00	2.07	100	104	48-125	3.4	20.0
gamma-BHC	µg/L	2.00	1.54	1.66	77.0	83.0	32-127	7.5	20.0
Heptachlor	µg/L	2.00	1.35	1.60	67.5	80.0	34-111	16.9	20.0
Heptachlor Epoxide	µg/L	2.00	1.46	1.52	73.0	76.0	37-142	4.0	20.0
Decachlorobiphenyl (S)					94.3	102	36-116		
Tetrachloro-m-xylene (S)					56.1	67.8	25-123		

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: Tetra Tech EM, Inc.
Project Description: Chromcraft
Report No: 16-309-0289

QC Prep Batch: L310437
QC Prep Batch Method: EPA-624 (PREP)
Analysis Method: 624
Analysis Description: Volatile Organic Compounds - GC/MS

Lab Reagent Blank LRB-L310437 Matrix: AQU

Associated Lab Samples: 93320, 93321, 93322, 93323

Parameter	Units	Blank Result	MDL	MQL	Analyzed	% Recovery
Acrolein	µg/L	<1.72	1.72	20.0	11/10/16 12:14	
Acrylonitrile	µg/L	<1.03	1.03	20.0	11/10/16 12:14	
Benzene	µg/L	<0.147	0.147	1.00	11/10/16 12:14	
Bromodichloromethane	µg/L	<0.204	0.204	1.00	11/10/16 12:14	
Bromoform	µg/L	<0.465	0.465	1.00	11/10/16 12:14	
Bromomethane	µg/L	<0.488	0.488	1.00	11/10/16 12:14	
Carbon Tetrachloride	µg/L	<0.211	0.211	1.00	11/10/16 12:14	
Chlorobenzene	µg/L	<0.452	0.452	1.00	11/10/16 12:14	
Chlorodibromomethane	µg/L	<0.254	0.254	1.00	11/10/16 12:14	
Chloroethane	µg/L	<0.592	0.592	1.00	11/10/16 12:14	
2-Chloroethylvinyl Ether	µg/L	<0.802	0.802	5.00	11/10/16 12:14	
Chloroform	µg/L	<0.197	0.197	1.00	11/10/16 12:14	
Chloromethane	µg/L	<0.539	0.539	1.00	11/10/16 12:14	
Dichlorodifluoromethane	µg/L	<0.712	0.712	1.00	11/10/16 12:14	
1,1-Dichloroethane	µg/L	<0.168	0.168	1.00	11/10/16 12:14	
1,2-Dichloroethane	µg/L	<0.100	0.100	1.00	11/10/16 12:14	
1,1-Dichloroethene	µg/L	<0.138	0.138	1.00	11/10/16 12:14	
trans-1,2-Dichloroethene	µg/L	<0.173	0.173	1.00	11/10/16 12:14	
1,2-Dichloropropane	µg/L	<0.329	0.329	1.00	11/10/16 12:14	
cis-1,3-Dichloropropene	µg/L	<0.171	0.171	1.00	11/10/16 12:14	
trans-1,3-Dichloropropene	µg/L	<0.233	0.233	1.00	11/10/16 12:14	
Ethylbenzene	µg/L	<0.276	0.276	1.00	11/10/16 12:14	
Methylene Chloride	µg/L	<3.75	3.75	10.0	11/10/16 12:14	
1,1,2,2-Tetrachloroethane	µg/L	<0.482	0.482	1.00	11/10/16 12:14	
Tetrachloroethene	µg/L	<0.265	0.265	1.00	11/10/16 12:14	
Toluene	µg/L	<0.203	0.203	5.00	11/10/16 12:14	
1,1,1-Trichloroethane	µg/L	<0.163	0.163	1.00	11/10/16 12:14	
1,1,2-Trichloroethane	µg/L	<0.216	0.216	1.00	11/10/16 12:14	

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: Tetra Tech EM, Inc.
Project Description: Chromcraft
Report No: 16-309-0289

QC Prep Batch: L310437
QC Prep Batch Method: EPA-624 (PREP)
Analysis Method: 624
Analysis Description: Volatile Organic Compounds - GC/MS

Lab Reagent Blank LRB-L310437 Matrix: AQU

Associated Lab Samples: 93320, 93321, 93322, 93323

Parameter	Units	Blank Result	MDL	MQL	Analyzed	% Recovery
Trichloroethene	µg/L	<0.273	0.273	1.00	11/10/16 12:14	
Trichlorofluoromethane	µg/L	<0.308	0.308	1.00	11/10/16 12:14	
Vinyl Chloride	µg/L	<0.394	0.394	1.00	11/10/16 12:14	
4-Bromofluorobenzene (S)					11/10/16 12:14	113
Dibromofluoromethane (S)					11/10/16 12:14	72.6
1,2-Dichloroethane - d4 (S)					11/10/16 12:14	67.6
Toluene-d8 (S)					11/10/16 12:14	80.6

Laboratory Control Sample LCS-L310437

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
Acrolein	µg/L	100	50.7	50.7	50-150
Acrylonitrile	µg/L	100	63.8	63.8	50-150
Benzene	µg/L	20.0	18.5	92.5	37-152
Bromodichloromethane	µg/L	20.0	15.9	79.5	35-155
Bromoform	µg/L	20.0	16.4	82.0	45-169
Bromomethane	µg/L	20.0	19.4	97.0	5-242
Carbon Tetrachloride	µg/L	20.0	16.3	81.5	70-140
Chlorobenzene	µg/L	20.0	19.1	95.5	37-160
Chlorodibromomethane	µg/L	20.0	14.6	73.0	50-150
Chloroethane	µg/L	20.0	7.37	36.8	14-160
2-Chloroethylvinyl Ether	µg/L	20.0	3.41	0.0*	5-305
Chloroform	µg/L	20.0	17.6	88.0	51-138
Chloromethane	µg/L	20.0	13.1	65.5	5-273
Dichlorodifluoromethane	µg/L	20.0	13.5	67.5	40-160
1,1-Dichloroethane	µg/L	20.0	17.0	85.0	59-155
1,2-Dichloroethane	µg/L	20.0	19.0	95.0	49-155
1,1-Dichloroethene	µg/L	20.0	14.7	73.5	5-234

* QC Fail

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: Tetra Tech EM, Inc.
Project Description: Chromcraft
Report No: 16-309-0289

QC Prep Batch: L310437
QC Prep Batch Method: EPA-624 (PREP)
Analysis Method: 624
Analysis Description: Volatile Organic Compounds - GC/MS

Laboratory Control Sample LCS-L310437

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
trans-1,2-Dichloroethene	µg/L	20.0	19.7	98.5	54-156
1,2-Dichloropropane	µg/L	20.0	19.5	97.5	5-210
cis-1,3-Dichloropropene	µg/L	20.0	17.2	86.0	5-227
trans-1,3-Dichloropropene	µg/L	20.0	18.8	94.0	17-183
Ethylbenzene	µg/L	20.0	19.0	95.0	37-162
Methylene Chloride	µg/L	20.0	19.6	98.0	40-160
1,1,2,2-Tetrachloroethane	µg/L	20.0	18.1	90.5	46-157
Tetrachloroethene	µg/L	20.0	17.1	85.5	64-148
Toluene	µg/L	20.0	18.0	90.0	47-150
1,1,1-Trichloroethane	µg/L	20.0	17.3	86.5	52-162
1,1,2-Trichloroethane	µg/L	20.0	16.5	82.5	52-150
Trichloroethene	µg/L	20.0	17.3	86.5	71-157
Trichlorofluoromethane	µg/L	20.0	19.6	98.0	17-181
Vinyl Chloride	µg/L	20.0	18.0	90.0	5-251
4-Bromofluorobenzene (S)				101	71-131
Dibromofluoromethane (S)				76.0	70-128
1,2-Dichloroethane - d4 (S)				78.2	67-136
Toluene-d8 (S)				78.4	70-130

Matrix Spike L 93323-MS-L310437

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	%Rec Limits	RPD	Max RPD
Acrolein	µg/L	< 1.72	100		46.7		46.7*	50-150		
Acrylonitrile	µg/L	< 1.03	100		84.8		84.8	50-150		
Benzene	µg/L	< 0.147	20.0		22.1		111	37-151		
Bromodichloromethane	µg/L	< 0.204	20.0		21.0		105	35-155		
Bromoform	µg/L	< 0.465	20.0		20.9		105	45-169		

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: Tetra Tech EM, Inc.
Project Description: Chromcraft
Report No: 16-309-0289

QC Prep Batch: L310437
QC Prep Batch Method: EPA-624 (PREP)
Analysis Method: 624
Analysis Description: Volatile Organic Compounds - GC/MS

Matrix Spike L 93323-MS-L310437

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	%Rec Limits	RPD	Max RPD
Bromomethane	µg/L	< 0.488	20.0		18.9		94.5	5-242		
Carbon Tetrachloride	µg/L	< 0.211	20.0		21.6		108	70-140		
Chlorobenzene	µg/L	< 0.452	20.0		23.2		116	37-160		
Chlorodibromomethane	µg/L	< 0.254	20.0		21.1		106	50-150		
Chloroethane	µg/L	< 0.592	20.0		7.41		37.0	14-160		
2-Chloroethylvinyl Ether	µg/L	< 0.802	20.0		<0.802		0.0*	5-305		
Chloroform	µg/L	< 0.197	20.0		23.8		119	51-138		
Chloromethane	µg/L	< 0.539	20.0		12.3		61.5	5-273		
Dichlorodifluoromethane	µg/L	< 0.712	20.0		11.6		58.0	40-160		
1,1-Dichloroethane	µg/L	< 0.168	20.0		21.4		107	59-155		
1,2-Dichloroethane	µg/L	< 0.100	20.0		22.3		112	49-155		
1,1-Dichloroethene	µg/L	< 0.138	20.0		20.6		103	5-234		
trans-1,2-Dichloroethene	µg/L	< 0.173	20.0		26.5		133	54-156		
1,2-Dichloropropane	µg/L	< 0.329	20.0		24.5		123	5-210		
cis-1,3-Dichloropropene	µg/L	< 0.171	20.0		22.5		113	5-227		
trans-1,3-Dichloropropene	µg/L	< 0.233	20.0		21.2		106	17-183		
Ethylbenzene	µg/L	< 0.276	20.0		24.7		124	37-162		
Methylene Chloride	µg/L	< 3.75	20.0		20.0		100	40-160		
1,1,2,2-Tetrachloroethane	µg/L	< 0.482	20.0		22.1		111	46-157		
Tetrachloroethene	µg/L	< 0.265	20.0		22.8		114	64-148		
Toluene	µg/L	< 0.203	20.0		23.7		119	47-150		
1,1,1-Trichloroethane	µg/L	< 0.163	20.0		23.0		115	52-162		
1,1,2-Trichloroethane	µg/L	< 0.216	20.0		21.0		105	52-150		
Trichloroethene	µg/L	< 0.273	20.0		21.5		108	71-157		
Trichlorofluoromethane	µg/L	< 0.308	20.0		18.4		92.0	17-181		
Vinyl Chloride	µg/L	< 0.394	20.0		18.1		90.5	5-251		
4-Bromofluorobenzene (S)							108	71-131		

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: **Tetra Tech EM, Inc.**
Project Description: **Chromcraft**
Report No: **16-309-0289**

QC Prep Batch: L310437
QC Prep Batch Method: EPA-624 (PREP)
Analysis Method: 624
Analysis Description: Volatile Organic Compounds - GC/MS

Matrix Spike L 93323-MS-L310437

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	%Rec Limits	RPD	Max RPD
Dibromofluoromethane (S)							74.2	70-128		
1,2-Dichloroethane - d4 (S)							72.8	67-136		
Toluene-d8 (S)							79.0	70-130		

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: Tetra Tech EM, Inc.
Project Description: Chromcraft
Report No: 16-309-0289

QC Prep Batch: L310032
QC Prep Batch Method: 625
Analysis Method: 625
Analysis Description: Semivolatile Organic Compounds - GC,

Lab Reagent Blank LRB-L310032 Matrix: AQU

Associated Lab Samples: 93320, 93321, 93322, 93323

Parameter	Units	Blank Result	MDL	MQL	Analyzed	% Recovery
Acenaphthene	µg/L	<0.480	0.480	2.00	11/08/16 15:21	
Acenaphthylene	µg/L	<0.418	0.418	2.00	11/08/16 15:21	
Anthracene	µg/L	<0.452	0.452	2.00	11/08/16 15:21	
Benzidine	µg/L	<1.08	1.08	20.0	11/08/16 15:21	
Benzo(a)anthracene	µg/L	<0.263	0.263	2.00	11/08/16 15:21	
Benzo(a)pyrene	µg/L	<0.238	0.238	2.00	11/08/16 15:21	
Benzo(b)fluoranthene	µg/L	<0.315	0.315	2.00	11/08/16 15:21	
Benzo(g,h,i)perylene	µg/L	<0.501	0.501	2.00	11/08/16 15:21	
Benzo(k)fluoranthene	µg/L	<0.422	0.422	2.00	11/08/16 15:21	
Bis(2-Chloroethoxy)methane	µg/L	<0.307	0.307	5.00	11/08/16 15:21	
Bis(2-Chloroethyl)ether	µg/L	<0.482	0.482	5.00	11/08/16 15:21	
Bis(2-Chloroisopropyl)ether	µg/L	<0.568	0.568	5.00	11/08/16 15:21	
Bis(2-ethylhexyl)phthalate	µg/L	<0.534	0.534	10.0	11/08/16 15:21	
4-Bromophenyl phenyl ether	µg/L	<0.415	0.415	5.00	11/08/16 15:21	
Butyl benzyl phthalate	µg/L	<0.378	0.378	5.00	11/08/16 15:21	
4-Chloro-3-methylphenol	µg/L	<0.343	0.343	5.00	11/08/16 15:21	
2-Chloronaphthalene	µg/L	<0.544	0.544	5.00	11/08/16 15:21	
2-Chlorophenol	µg/L	<0.520	0.520	5.00	11/08/16 15:21	
4-Chlorophenyl phenyl ether	µg/L	<0.230	0.230	5.00	11/08/16 15:21	
Chrysene	µg/L	<0.373	0.373	2.00	11/08/16 15:21	
Dibenz(a,h)anthracene	µg/L	<0.325	0.325	2.00	11/08/16 15:21	
1,2-Dichlorobenzene	µg/L	<0.731	0.731	5.00	11/08/16 15:21	
1,3-Dichlorobenzene	µg/L	<0.726	0.726	5.00	11/08/16 15:21	
1,4-Dichlorobenzene	µg/L	<0.547	0.547	5.00	11/08/16 15:21	
3,3'-Dichlorobenzidine	µg/L	<0.664	0.664	5.00	11/08/16 15:21	
2,4-Dichlorophenol	µg/L	<0.317	0.317	5.00	11/08/16 15:21	
Diethyl phthalate	µg/L	<0.234	0.234	5.00	11/08/16 15:21	
Dimethyl phthalate	µg/L	<0.384	0.384	5.00	11/08/16 15:21	

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: Tetra Tech EM, Inc.
Project Description: Chromcraft
Report No: 16-309-0289

QC Prep Batch: L310032
QC Prep Batch Method: 625
Analysis Method: 625
Analysis Description: Semivolatile Organic Compounds - GC,

Lab Reagent Blank LRB-L310032 Matrix: AQU

Associated Lab Samples: 93320, 93321, 93322, 93323

Parameter	Units	Blank Result	MDL	MQL	Analyzed	% Recovery
2,4-Dimethylphenol	µg/L	<0.842	0.842	5.00	11/08/16 15:21	
Di-n-butyl phthalate	µg/L	<0.401	0.401	5.00	11/08/16 15:21	
4,6-Dinitro-2-methylphenol	µg/L	<0.454	0.454	10.0	11/08/16 15:21	
2,4-Dinitrophenol	µg/L	<0.229	0.229	5.00	11/08/16 15:21	
2,4-Dinitrotoluene	µg/L	<0.958	0.958	5.00	11/08/16 15:21	
2,6-Dinitrotoluene	µg/L	<0.705	0.705	5.00	11/08/16 15:21	
Di-n-Octyl Phthalate	µg/L	<0.353	0.353	5.00	11/08/16 15:21	
1,2-Diphenylhydrazine/Azobenzene	µg/L	<0.408	0.408	5.00	11/08/16 15:21	
Fluoranthene	µg/L	<0.439	0.439	2.00	11/08/16 15:21	
Fluorene	µg/L	<0.292	0.292	2.00	11/08/16 15:21	
Hexachlorobenzene	µg/L	<0.310	0.310	5.00	11/08/16 15:21	
Hexachlorobutadiene	µg/L	<0.653	0.653	5.00	11/08/16 15:21	
Hexachlorocyclopentadiene	µg/L	<0.232	0.232	5.00	11/08/16 15:21	
Hexachloroethane	µg/L	<0.582	0.582	5.00	11/08/16 15:21	
Indeno(1,2,3-cd)pyrene	µg/L	<0.518	0.518	2.00	11/08/16 15:21	
Isophorone	µg/L	<0.189	0.189	5.00	11/08/16 15:21	
Naphthalene	µg/L	<0.304	0.304	2.00	11/08/16 15:21	
Nitrobenzene	µg/L	<0.355	0.355	5.00	11/08/16 15:21	
2-Nitrophenol	µg/L	<0.504	0.504	5.00	11/08/16 15:21	
4-Nitrophenol	µg/L	<0.373	0.373	20.0	11/08/16 15:21	
N-Nitrosodimethylamine	µg/L	<0.370	0.370	5.00	11/08/16 15:21	
N-Nitrosodiphenylamine	µg/L	<0.406	0.406	10.0	11/08/16 15:21	
N-Nitroso-di-n-propylamine	µg/L	<0.561	0.561	5.00	11/08/16 15:21	
Pentachlorophenol	µg/L	<0.540	0.540	5.00	11/08/16 15:21	
Phenanthrene	µg/L	<0.455	0.455	2.00	11/08/16 15:21	
Phenol	µg/L	<0.258	0.258	5.00	11/08/16 15:21	
Pyrene	µg/L	<0.526	0.526	2.00	11/08/16 15:21	
1,2,4-Trichlorobenzene	µg/L	<0.494	0.494	5.00	11/08/16 15:21	

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: Tetra Tech EM, Inc.
Project Description: Chromcraft
Report No: 16-309-0289

QC Prep Batch: L310032
QC Prep Batch Method: 625
Analysis Method: 625
Analysis Description: Semivolatile Organic Compounds - GC,

Lab Reagent Blank LRB-L310032 Matrix: AQU

Associated Lab Samples: 93320, 93321, 93322, 93323

Parameter	Units	Blank Result	MDL	MQL	Analyzed	% Recovery
2,4,6-Trichlorophenol	µg/L	<0.415	0.415	5.00	11/08/16 15:21	
2-Fluorobiphenyl (S)					11/08/16 15:21	68.2
2-Fluorophenol (S)					11/08/16 15:21	34.4
Nitrobenzene-d5 (S)					11/08/16 15:21	73.0
Phenol-d6 (S)					11/08/16 15:21	21.5
4-Terphenyl-d14 (S)					11/08/16 15:21	60.6
2,4,6-Tribromophenol (S)					11/08/16 15:21	84.0

Laboratory Control Sample & LCSD LCS-L310032 LCSD-L310032

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS %Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD
Acenaphthene	µg/L	100	74.6	76.0	74.6	76.0	47-145	1.8	20.0
Acenaphthylene	µg/L	100	75.5	77.6	75.5	77.6	33-145	2.7	20.0
Anthracene	µg/L	100	81.9	80.8	81.9	80.8	27-133	1.3	20.0
Benzidine	µg/L	100	1.90	2.10	0.0*	0.0*	1-176	0.0	20.0
Benzo(a)anthracene	µg/L	100	78.6	86.1	78.6	86.1	33-143	9.1	20.0
Benzo(a)pyrene	µg/L	100	72.8	78.4	72.8	78.4	17-163	7.4	20.0
Benzo(b)fluoranthene	µg/L	100	72.0	74.2	72.0	74.2	24-159	3.0	20.0
Benzo(g,h,i)perylene	µg/L	100	60.1	77.6	60.1	77.6	1-219	25.4*	20.0
Benzo(k)fluoranthene	µg/L	100	68.3	74.2	68.3	74.2	11-162	8.2	20.0
Bis(2-Chloroethoxy)methane	µg/L	100	68.4	73.4	68.4	73.4	33-184	7.0	20.0
Bis(2-Chloroethyl)ether	µg/L	100	59.0	61.7	59.0	61.7	12-158	4.4	20.0
Bis(2-Chloroisopropyl)ether	µg/L	100	64.5	67.4	64.5	67.4	36-166	4.3	20.0
Bis(2-ethylhexyl)phthalate	µg/L	100	72.3	77.0	72.3	77.0	8-158	6.2	20.0
4-Bromophenyl phenyl ether	µg/L	100	74.1	79.5	74.1	79.5	53-127	7.0	20.0
Butyl benzyl phthalate	µg/L	100	67.1	69.0	67.1	69.0	1-152	2.7	20.0
4-Chloro-3-methylphenol	µg/L	100	79.6	83.7	79.6	83.7	22-147	5.0	20.0

* QC Fail

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: Tetra Tech EM, Inc.
Project Description: Chromcraft
Report No: 16-309-0289

QC Prep Batch: L310032
QC Prep Batch Method: 625
Analysis Method: 625
Analysis Description: Semivolatile Organic Compounds - GC,

Laboratory Control Sample & LCSD LCS-L310032 LCSD-L310032

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS %Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD
2-Chloronaphthalene	µg/L	100	73.0	75.7	73.0	75.7	50-118	3.6	20.0
2-Chlorophenol	µg/L	100	61.2	63.8	61.2	63.8	23-134	4.1	20.0
4-Chlorophenyl phenyl ether	µg/L	100	84.1	87.0	84.1	87.0	25-158	3.3	20.0
Chrysene	µg/L	100	71.5	77.5	71.5	77.5	17-168	8.0	20.0
Dibenz(a,h)anthracene	µg/L	100	63.0	74.3	63.0	74.3	1-227	16.4	20.0
1,2-Dichlorobenzene	µg/L	100	63.5	65.7	63.5	65.7	32-129	3.4	20.0
1,3-Dichlorobenzene	µg/L	100	62.9	62.7	62.9	62.7	1-172	0.3	20.0
1,4-Dichlorobenzene	µg/L	100	64.9	63.6	64.9	63.6	20-124	2.0	20.0
3,3'-Dichlorobenzidine	µg/L	100	77.4	86.8	77.4	86.8	1-262	11.4	20.0
2,4-Dichlorophenol	µg/L	100	70.8	77.8	70.8	77.8	39-135	9.4	20.0
Diethyl phthalate	µg/L	100	78.1	80.8	78.1	80.8	1-114	3.3	20.0
Dimethyl phthalate	µg/L	100	73.9	80.6	73.9	80.6	1-112	8.6	20.0
2,4-Dimethylphenol	µg/L	100	73.8	75.9	73.8	75.9	32-119	2.8	20.0
Di-n-butyl phthalate	µg/L	100	86.2	79.9	86.2	79.9	1-118	7.5	20.0
4,6-Dinitro-2-methylphenol	µg/L	100	82.4	84.3	82.4	84.3	27-128	2.2	20.0
2,4-Dinitrophenol	µg/L	100	83.7	87.5	83.7	87.5	1-191	4.4	20.0
2,4-Dinitrotoluene	µg/L	100	84.4	86.5	84.4	86.5	39-139	2.4	20.0
2,6-Dinitrotoluene	µg/L	100	76.9	81.9	76.9	81.9	50-158	6.2	20.0
Di-n-Octyl Phthalate	µg/L	100	71.8	65.8	71.8	65.8	4-146	8.7	20.0
1,2-Diphenylhydrazine/Azobenzene	µg/L	100	76.3	80.4	76.3	80.4	35-116	5.2	20.0
Fluoranthene	µg/L	100	100	87.9	100	87.9	26-137	12.8	20.0
Fluorene	µg/L	100	76.6	80.2	76.6	80.2	59-121	4.5	20.0
Hexachlorobenzene	µg/L	100	71.3	76.8	71.3	76.8	1-152	7.4	20.0
Hexachlorobutadiene	µg/L	100	65.5	69.7	65.5	69.7	24-118	6.2	20.0
Hexachlorocyclopentadiene	µg/L	100	60.5	65.8	60.5	65.8	10-102	8.3	20.0
Hexachloroethane	µg/L	100	59.2	63.6	59.2	63.6	40-113	7.1	20.0
Indeno(1,2,3-cd)pyrene	µg/L	100	62.2	74.0	62.2	74.0	1-171	17.3	20.0

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: Tetra Tech EM, Inc.
Project Description: Chromcraft
Report No: 16-309-0289

QC Prep Batch: L310032
QC Prep Batch Method: 625
Analysis Method: 625
Analysis Description: Semivolatile Organic Compounds - GC,

Laboratory Control Sample & LCSD LCS-L310032 LCSD-L310032

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS %Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD
Isophorone	µg/L	100	65.9	70.3	65.9	70.3	21-196	6.4	20.0
Naphthalene	µg/L	100	71.4	75.2	71.4	75.2	21-133	5.1	20.0
Nitrobenzene	µg/L	100	67.0	71.2	67.0	71.2	35-180	6.0	20.0
2-Nitrophenol	µg/L	100	68.1	75.7	68.1	75.7	29-182	10.5	20.0
4-Nitrophenol	µg/L	100	52.5	53.0	52.5	53.0	1-132	0.9	20.0
N-Nitrosodimethylamine	µg/L	100	40.3	47.1	40.3	47.1	14-84	15.5	20.0
N-Nitrosodiphenylamine	µg/L	100	75.2	77.3	75.2	77.3	45-135	2.7	20.0
N-Nitroso-di-n-propylamine	µg/L	100	79.6	83.4	79.6	83.4	1-230	4.6	20.0
Pentachlorophenol	µg/L	100	86.3	88.0	86.3	88.0	14-176	1.9	20.0
Phenanthrene	µg/L	100	76.0	75.9	76.0	75.9	54-120	0.1	20.0
Phenol	µg/L	100	29.2	30.9	29.2	30.9	5-112	5.6	20.0
Pyrene	µg/L	100	63.5	67.5	63.5	67.5	52-115	6.1	20.0
1,2,4-Trichlorobenzene	µg/L	100	66.7	70.7	66.7	70.7	30-130	5.8	20.0
2,4,6-Trichlorophenol	µg/L	100	71.6	80.1	71.6	80.1	37-144	11.2	20.0
2-Fluorobiphenyl (S)					64.1	68.0	38-107		
2-Fluorophenol (S)					33.5	36.4	8-88		
Nitrobenzene-d5 (S)					65.6	69.6	29-105		
Phenol-d6 (S)					21.6	24.5	7-58		
4-Terphenyl-d14 (S)					62.6	65.7	30-130		
2,4,6-Tribromophenol (S)					72.0	82.0	16-138		

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: **Tetra Tech EM, Inc.**
Project Description: **Chromcraft**
Report No: **16-309-0289**

QC Prep Batch: L309763
QC Prep Batch Method: SM-4500CNE
Analysis Method: 4500CNE-2011
Analysis Description: Total Cyanide

Lab Reagent Blank LRB Matrix: AQU

Associated Lab Samples: 93320, 93321, 93322, 93323

Parameter	Units	Blank Result	MDL	MQL	Analyzed
Cyanide, Total	mg/L	<0.003	0.003	0.005	11/07/16 10:53

Laboratory Control Sample LCS

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
Cyanide, Total	mg/L	0.200	0.182	91.0	90-110

Duplicate L 93374-DUP

Parameter	Units	Result	DUP Result	RPD	Max RPD	Analyzed
Cyanide, Total	mg/L	0.290	0.267	8.2	20.0	11/07/16 10:53

Matrix Spike L 93374-MS

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	%Rec Limits	RPD	Max RPD
Cyanide, Total	mg/L	0.290	4.00		3.95		91.5	70-130		

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: **Tetra Tech EM, Inc.**
Project Description: **Chromcraft**
Report No: **16-309-0289**

QC Prep Batch: L309707
QC Prep Batch Method: SM-4500H+B
Analysis Method: 4500H+B-2011
Analysis Description: pH

Duplicate L 93319-DUP

Parameter	Units	DUP Result	+/-	Analyzed
pH	s.u.	1.0	1.0	11/04/16 15:15

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: Tetra Tech EM, Inc.
Project Description: Chromcraft
Report No: 16-309-0289

QC Prep Batch: L311089
QC Prep Batch Method: 3005A
Analysis Method: 6010C
Analysis Description: Metals Analysis (TCLP)

Lab Reagent Blank LRB-L311089 Matrix: TCL

Associated Lab Samples: 93315, 93316, 93317

Parameter	Units	Blank Result	MDL	MQL	Analyzed
TCLP Arsenic	mg/L	<0.025	0.025	0.025	11/17/16 11:17
TCLP Barium	mg/L	<0.025	0.025	0.025	11/16/16 19:29
TCLP Cadmium	mg/L	<0.005	0.005	0.005	11/16/16 19:29
TCLP Chromium	mg/L	<0.010	0.010	0.010	11/16/16 19:29
TCLP Lead	mg/L	<0.010	0.010	0.010	11/16/16 19:29
TCLP Selenium	mg/L	<0.050	0.050	0.050	11/17/16 11:17
TCLP Silver	mg/L	<0.005	0.005	0.005	11/16/16 19:29

Laboratory Control Sample LCS-L311089

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
TCLP Arsenic	mg/L	0.100	0.117	117	80-120
TCLP Barium	mg/L	1.00	0.986	98.6	80-120
TCLP Cadmium	mg/L	0.100	0.097	97.0	80-120
TCLP Chromium	mg/L	1.00	0.977	97.7	80-120
TCLP Lead	mg/L	0.100	0.094	94.0	80-120
TCLP Selenium	mg/L	0.100	0.097	97.0	80-120
TCLP Silver	mg/L	0.100	0.096	96.0	80-120

Matrix Spike & Matrix Spike Duplicate L 93317-MS-L311089 L 93317-MSD-L311089

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
TCLP Arsenic	mg/L	< 0.025	0.500	0.500	0.501	0.500	100	100	75-125	0.1	20.0
TCLP Barium	mg/L	0.275	5.00	5.00	4.87	4.87	91.9	91.9	75-125	0.0	20.0
TCLP Cadmium	mg/L	0.018	0.500	0.500	0.475	0.475	91.4	91.4	75-125	0.0	20.0
TCLP Chromium	mg/L	< 0.010	5.00	5.00	4.57	4.63	91.4	92.6	75-125	1.3	20.0
TCLP Lead	mg/L	< 0.010	0.500	0.500	0.438	0.440	87.6	88.0	75-125	0.4	20.0

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: **Tetra Tech EM, Inc.**
Project Description: **Chromcraft**
Report No: **16-309-0289**

QC Prep Batch: L311089
QC Prep Batch Method: 3005A
Analysis Method: 6010C
Analysis Description: Metals Analysis (TCLP)

Matrix Spike & Matrix Spike Duplicate L 93317-MS-L311089 L 93317-MSD-L311089

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
TCLP Selenium	mg/L	< 0.050	0.500	0.500	0.511	0.516	102	103	75-125	0.9	20.0
TCLP Silver	mg/L	< 0.005	0.500	0.500	0.483	0.488	96.6	97.6	75-125	1.0	20.0

Post Digestion Spike L 93317-PDS-L311089

Parameter	Units	PDS Result	% Recovery	Analyzed
TCLP Arsenic	mg/L	0.253	102	11/17/16 12:23
TCLP Barium	mg/L	2.55	96.5	11/16/16 20:26
TCLP Cadmium	mg/L	0.248	95.8	11/16/16 20:26
TCLP Chromium	mg/L	2.39	95.5	11/16/16 20:26
TCLP Lead	mg/L	0.232	93.1	11/16/16 20:26
TCLP Selenium	mg/L	0.256	103	11/17/16 12:23
TCLP Silver	mg/L	0.246	98.6	11/16/16 20:26

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: **Tetra Tech EM, Inc.**
Project Description: **Chromcraft**
Report No: **16-309-0289**

QC Prep Batch: L311067 **Analysis Method:** 7470A
QC Prep Batch Method: 7470A **Analysis Description:** Total Aqueous Mercury Analysis - CVA

Lab Reagent Blank LRB-L311067 Matrix: TCL

Associated Lab Samples: 93315, 93316, 93317

Parameter	Units	Blank Result	MDL	MQL	Analyzed
TCLP Mercury	mg/L	<0.0010	0.0010	0.0010	11/16/16 13:56

Laboratory Control Sample LCS-L311067

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
TCLP Mercury	mg/L	0.0040	0.0040	100	80-120

Matrix Spike & Matrix Spike Duplicate L 93818-MS-L311067 L 93818-MSD-L311067

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
TCLP Mercury	mg/L	< 0.0200	0.0800	0.0800	0.0896	0.0842	112	105	80-120	6.2	20.0

Post Digestion Spike L 93818-PDS-L311067

Parameter	Units	PDS Result	% Recovery	Analyzed
TCLP Mercury	mg/L	0.103	103	11/16/16 14:28

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Cooler Receipt Form

Customer Number: **06379**
Customer Name: **Tetra Tech EM, Inc.**
Report Number: **16-309-0289**

Shipping Method

○ Fed Ex ○ US Postal ○ Lab ○ Other :
○ UPS ● Client ○ Courier Thermometer ID: #10

Shipping container/cooler uncompromised?	● Yes	○ No	
Number of coolers received	1		
Custody seals intact on shipping container/cooler?	○ Yes	○ No	● Not Required
Custody seals intact on sample bottles?	○ Yes	○ No	● Not Required
Chain of Custody (COC) present?	● Yes	○ No	
COC agrees with sample label(s)?	● Yes	○ No	
COC properly completed	● Yes	○ No	
Samples in proper containers?	● Yes	○ No	
Sample containers intact?	● Yes	○ No	
Sufficient sample volume for indicated test(s)?	● Yes	○ No	
All samples received within holding time?	● Yes	○ No	
Cooler temperature in compliance?	● Yes	○ No	
Cooler/Samples arrived at the laboratory on ice. Samples were considered acceptable as cooling process had begun.	● Yes	○ No	
Water - Sample containers properly preserved	● Yes	○ No	○ N/A
Water - VOA vials free of headspace	● Yes	○ No	○ N/A
Trip Blanks received with VOAs	○ Yes	● No	○ N/A
Soil VOA method 5035 – compliance criteria met	○ Yes	○ No	● N/A

☐ High concentration container (48 hr) ☐ Low concentration EnCore samplers (48 hr)
☐ High concentration pre-weighed (methanol -14 d) ☐ Low conc pre-weighed vials (Sod Bis -14 d)

Special precautions or instructions included? ○ Yes ● No

Comments:

Any regulatory non-compliance issues will be recorded on non-compliance report.

Signature: Danyale Love Date & Time: 11/04/2016 15:10:41

Client Name/Address	Client Project Manager/Contact	Billing Information	For Laboratory Use Only
Tetra Tech 1955 Evergreen Blvd Duluth, GA	Todd Taylor	Same	CN 6379

Project Description	Project/Site Location (City/State)		Method of Shipment	Matrix Key
Chrom Craft Site	1 Quality dr Senatobia, MS 38668	☐ RUSH – Additional charges apply ☐ Special Detection Limit(s) Date Results Needed	☐ Fed Ex ☐ UPS ☐ USPS ☐ Courier ☑ Client Drop Off Other	WW – Wastewater GW – Groundwater DW – Drinking Water S – Soil /Solid O – Oil

Project Number	Project Manager Phone #	Project Manager Email	Purchase Ord
103-9027010 61	615-992-5556	todd.taylor@tetratech.com	

16-309-0289
06379
11-04-2016
15:09:45
Tetra Tech EM. Inc.
Chromcraft

Waypoint ANALYTICAL
2790 Whitten Road
Memphis, TN 38133
(901) 213-2400

Unless noted, all containers per Table II of 40 CFR Part 136.

Date	Time	Sample Identification	Number of Containers	Matrix (Refer to Key)	(G)rab or (C)omposite	TCLP 8 RCRA Metals	Ph	TTO - VOC, SVOC, Pest	TTO - PCB Dioxin Screen	CN, Cr, Cu, Pb, Ni	Zn	Ag TTO			
11/3/16	12:30	V2-Solid ~~11/03/16 12~~ TAT	1	S	C	X									
11/3/16	12:15	V13-Solid	1	S	C	X									
11/3/16	2:10	Wash Room	1	S	C	X									
11/3/16	12:45	V2-Liquid	1	M	G		X	X only							
11/3/16	13:00	V13 Liquid	1	M	G		X	X only							
11/3/16	15:00	WT-A	10	WW	G		X	X	X	X	X				
11/3/16	15:15	WT-B	10	WW	G		X	X	X	X	X				
11/3/16	15:30	WT-overflow	10	WW	G		X	X	X	X	X				
11/3/16	15:45	WT-ST	10	WW	G		X	X	X	X	X				

Required Analysis / Preservative

Comments/Notes: Ph only; Ph only

Key	
C	H2SO4 pH<2
D	None Required
E	NaOH pH>10
F	HNO3 pH<2
G	HCL pH<2
H	H3PO4 pH<2
I	Cool <= 6C NA2S2O3

For Laboratory Use Only

Ice	Custody Seals	Lab Comments
(Y) N	Y / (N)	

Blank/Cooler Temp: 4.2°C T10 BS

Sampled by (Name – Print): Todd Taylor

Relinquished by: (SIGNATURE): Todd Taylor — Date/Time: 11/3/16 19:10

Received by: (SIGNATURE): Cheryl Tilley — Date/Time: 11/3/15 19:10

Relinquished by: (SIGNATURE) — Date/Time

Received by: (SIGNATURE) — Date/Time

Relinquished by: (SIGNATURE) — Date/Time

Received by: (SIGNATURE) — Date/Time

Client Remarks/Comments

Waypoint ANALYTICAL

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

1/13/2017

Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth, GA, 30096

Ref: Analytical Testing
Lab Report Number: 16-356-0209
Client Project Description: Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061
Project Number: 103X902701058

Dear Mr. Todd Taylor:
Waypoint Analytical, Inc. received sample(s) on 12/21/2016 for the analyses presented in the following report.

The above referenced project has been analyzed per your instructions. The analyses were performed in accordance with the applicable analytical method.

The analytical data has been validated using standard quality control measures performed as required by the analytical method. Quality Assurance, method validations, instrumentation maintenance and calibration for all parameters (NELAP and non-NELAP) were performed in accordance with guidelines established by the USEPA (including 40 CFR 136 Method Update Rule May 2012) and NELAC unless otherwise indicated. Any parameter for which the laboratory is not officially NELAP accredited is indicated by a '~' symbol. These are not included in the scope because NELAP accreditation is either not available or has not been applied for. Additional certifications may be held/are available for parameters, where NELAP accreditation is not required or applicable. A full list of certifications is available upon request.

Certain parameters (chlorine, pH, dissolved oxygen, sulfite...) are required to be analyzed within 15 minutes of sampling. Usually, but not always, any field parameter analyzed at the laboratory is outside of this holding time. Refer to sample analysis time for confirmation of holding time compliance.

The results are shown on the attached Report of Analysis(s). Results for solid matrices are reported on an as-received basis unless otherwise indicated. This report shall not be reproduced except in full and relates only to the samples included in this report.

Please do not hesitate to contact me or client services if you have any questions or need additional information.

Sincerely,

Randell H. Thomas

Randy Thomas
Project Manager

Laboratory's liability in any claim relating to analyses performed shall be limited to, at laboratory's option, repeating the analysis in question at laboratory's expense, or the refund of the charges paid for performance of said analysis.

Alabama	#40750	Louisiana	#04015	VA NELAP	#460181	Texas	#T104704180-11-6	Arkansas	#88-0650
Mississippi		California	#2904	NC	#415	Oklahoma	#9311	Virginia	#00106
Kentucky	#90047	Tennessee	#TN02027	EPA	#TN00012	Kentucky UST	#41		

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Non-Compliance Login Summary Report

Incident Date: 12-21-2016 10:12 am
Report number: 16-356-0209 Lab Number(s): L95400, L95402, L95404, L95406, L95408
Customer number: 06379
Customer Name: Tetra Tech EM, Inc.
Contact Name: Tetra Tech EM, Inc.
Project ID: Tetra Tech - Chromcraft

This Non-Compliance Report has been generated because proper EPA protocol was not followed for the above referenced sample(s). This means that the data generated from the analysis of this project may not be suitable for Regulatory compliance.

This report should be included with any data submitted to a Regulatory Agency. The actual problems encountered are listed below.

Description of Login Non-Compliance

☑ **Sample Temperature Non-compliant**
Cooler Temperature: 8.1, 8.8 degrees Celsius
Required Temperature: < 6 degrees Celsius

☐ **Sample Received in Improper Container**
Analysis:
Received Container:
Required Container:

☐ **Sample Improperly Preserved**
Analysis:
Received Preservative:
Required Preservative:

☐ **Sample Received Outside Holding Time** Date Received: 12-21-2016 00:00
Analysis:
Sampled Date and Time:
Required Holding Time:

Other:

Corrective Action

Client Notified: ● Yes ○ No Date Client Notified: 12/21/16 Contact Name: Todd Taylor
Client Directive:

Approval to analyze per Todd Taylor

Initiated By: Danyale Love Project manager: Randall Thomas QAO: Richard Medina

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Sample Summary Table

Report Number: **16-356-0209**

Client Project Description: **Chromcraft**
1 Quality Dr., Senatobia, MS
Project #103902701061

Lab No	Client Sample ID	Matrix	Date Collected	Date Received	Method	Lab ID
95399	V311220161338	Solid	12/20/2016 13:38	12/21/2016	6010C	WTN
95399	V311220161338	Solid	12/20/2016 13:38	12/21/2016	7470A	WTN
95399	V311220161338	Solid	12/20/2016 13:38	12/21/2016	SW-1311	WTN
95400	V311220161338	Aqueous	12/20/2016 13:38	12/21/2016	2310B-2011	WTN
95400	V311220161338	Aqueous	12/20/2016 13:38	12/21/2016	2320B-2011	WTN
95400	V311220161338	Aqueous	12/20/2016 13:38	12/21/2016	2540B-2011	WTN
95400	V311220161338	Aqueous	12/20/2016 13:38	12/21/2016	2540D-2011	WTN
95400	V311220161338	Aqueous	12/20/2016 13:38	12/21/2016	2540F-2011	WTN
95400	V311220161338	Aqueous	12/20/2016 13:38	12/21/2016	4500CNE-2011	WTN
95400	V311220161338	Aqueous	12/20/2016 13:38	12/21/2016	4500CNG-2011	WTN
95400	V311220161338	Aqueous	12/20/2016 13:38	12/21/2016	4500H+B-2011	WTN
95400	V311220161338	Aqueous	12/20/2016 13:38	12/21/2016	4500S2G-2011	WTN
95400	V311220161338	Aqueous	12/20/2016 13:38	12/21/2016	EPA-200.7	WTN
95400	V311220161338	Aqueous	12/20/2016 13:38	12/21/2016	EPA-200.7	WTN
95400	V311220161338	Aqueous	12/20/2016 13:38	12/21/2016	EPA-245.1	WTN
95400	V311220161338	Aqueous	12/20/2016 13:38	12/21/2016	EPA-300.0	WTN
95400	V311220161338	Aqueous	12/20/2016 13:38	12/21/2016	SW-7.3.4	WTN
95401	V131220161400	Solid	12/20/2016 14:00	12/21/2016	6010C	WTN
95401	V131220161400	Solid	12/20/2016 14:00	12/21/2016	7470A	WTN
95401	V131220161400	Solid	12/20/2016 14:00	12/21/2016	SW-1311	WTN
95402	V131220161400	Aqueous	12/20/2016 14:00	12/21/2016	2310B-2011	WTN
95402	V131220161400	Aqueous	12/20/2016 14:00	12/21/2016	2320B-2011	WTN
95402	V131220161400	Aqueous	12/20/2016 14:00	12/21/2016	2540B-2011	WTN
95402	V131220161400	Aqueous	12/20/2016 14:00	12/21/2016	2540D-2011	WTN
95402	V131220161400	Aqueous	12/20/2016 14:00	12/21/2016	2540F-2011	WTN
95402	V131220161400	Aqueous	12/20/2016 14:00	12/21/2016	4500CNE-2011	WTN

WTN: Waypoint Analytical, Inc.

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Sample Summary Table

Report Number: **16-356-0209**

Client Project Description: **Chromcraft**
1 Quality Dr., Senatobia, MS
Project #103902701061

Lab No	Client Sample ID	Matrix	Date Collected	Date Received	Method	Lab ID
95402	V131220161400	Aqueous	12/20/2016 14:00	12/21/2016	4500CNG-2011	WTN
95402	V131220161400	Aqueous	12/20/2016 14:00	12/21/2016	4500H+B-2011	WTN
95402	V131220161400	Aqueous	12/20/2016 14:00	12/21/2016	4500S2G-2011	WTN
95402	V131220161400	Aqueous	12/20/2016 14:00	12/21/2016	EPA-200.7	WTN
95402	V131220161400	Aqueous	12/20/2016 14:00	12/21/2016	EPA-200.7	WTN
95402	V131220161400	Aqueous	12/20/2016 14:00	12/21/2016	EPA-245.1	WTN
95402	V131220161400	Aqueous	12/20/2016 14:00	12/21/2016	EPA-300.0	WTN
95402	V131220161400	Aqueous	12/20/2016 14:00	12/21/2016	SW-7.3.4	WTN
95403	V161220161500	Solid	12/20/2016 15:00	12/21/2016	6010C	WTN
95403	V161220161500	Solid	12/20/2016 15:00	12/21/2016	7470A	WTN
95403	V161220161500	Solid	12/20/2016 15:00	12/21/2016	SW-1311	WTN
95404	V161220161500	Aqueous	12/20/2016 15:00	12/21/2016	2310B-2011	WTN
95404	V161220161500	Aqueous	12/20/2016 15:00	12/21/2016	2320B-2011	WTN
95404	V161220161500	Aqueous	12/20/2016 15:00	12/21/2016	2540B-2011	WTN
95404	V161220161500	Aqueous	12/20/2016 15:00	12/21/2016	2540D-2011	WTN
95404	V161220161500	Aqueous	12/20/2016 15:00	12/21/2016	2540F-2011	WTN
95404	V161220161500	Aqueous	12/20/2016 15:00	12/21/2016	4500CNE-2011	WTN
95404	V161220161500	Aqueous	12/20/2016 15:00	12/21/2016	4500CNG-2011	WTN
95404	V161220161500	Aqueous	12/20/2016 15:00	12/21/2016	4500H+B-2011	WTN
95404	V161220161500	Aqueous	12/20/2016 15:00	12/21/2016	4500S2G-2011	WTN
95404	V161220161500	Aqueous	12/20/2016 15:00	12/21/2016	EPA-200.7	WTN
95404	V161220161500	Aqueous	12/20/2016 15:00	12/21/2016	EPA-200.7	WTN
95404	V161220161500	Aqueous	12/20/2016 15:00	12/21/2016	EPA-245.1	WTN
95404	V161220161500	Aqueous	12/20/2016 15:00	12/21/2016	EPA-300.0	WTN
95404	V161220161500	Aqueous	12/20/2016 15:00	12/21/2016	SW-7.3.4	WTN
95405	V171220161515	Solid	12/20/2016 15:15	12/21/2016	6010C	WTN

WTN: Waypoint Analytical, Inc.

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Sample Summary Table

Report Number: **16-356-0209**

Client Project Description: **Chromcraft**
1 Quality Dr., Senatobia, MS
Project #103902701061

Lab No	Client Sample ID	Matrix	Date Collected	Date Received	Method	Lab ID
95405	V171220161515	Solid	12/20/2016 15:15	12/21/2016	7470A	WTN
95405	V171220161515	Solid	12/20/2016 15:15	12/21/2016	SW-1311	WTN
95406	V171220161515	Aqueous	12/20/2016 15:15	12/21/2016	2310B-2011	WTN
95406	V171220161515	Aqueous	12/20/2016 15:15	12/21/2016	2320B-2011	WTN
95406	V171220161515	Aqueous	12/20/2016 15:15	12/21/2016	2540B-2011	WTN
95406	V171220161515	Aqueous	12/20/2016 15:15	12/21/2016	2540D-2011	WTN
95406	V171220161515	Aqueous	12/20/2016 15:15	12/21/2016	2540F-2011	WTN
95406	V171220161515	Aqueous	12/20/2016 15:15	12/21/2016	4500CNE-2011	WTN
95406	V171220161515	Aqueous	12/20/2016 15:15	12/21/2016	4500CNG-2011	WTN
95406	V171220161515	Aqueous	12/20/2016 15:15	12/21/2016	4500H+B-2011	WTN
95406	V171220161515	Aqueous	12/20/2016 15:15	12/21/2016	4500S2G-2011	WTN
95406	V171220161515	Aqueous	12/20/2016 15:15	12/21/2016	EPA-200.7	WTN
95406	V171220161515	Aqueous	12/20/2016 15:15	12/21/2016	EPA-200.7	WTN
95406	V171220161515	Aqueous	12/20/2016 15:15	12/21/2016	EPA-245.1	WTN
95406	V171220161515	Aqueous	12/20/2016 15:15	12/21/2016	EPA-300.0	WTN
95406	V171220161515	Aqueous	12/20/2016 15:15	12/21/2016	SW-7.3.4	WTN
95407	V221220161535	Solid	12/20/2016 15:35	12/21/2016	6010C	WTN
95407	V221220161535	Solid	12/20/2016 15:35	12/21/2016	7470A	WTN
95407	V221220161535	Solid	12/20/2016 15:35	12/21/2016	SW-1311	WTN
95408	V221220161535	Aqueous	12/20/2016 15:35	12/21/2016	2310B-2011	WTN
95408	V221220161535	Aqueous	12/20/2016 15:35	12/21/2016	2320B-2011	WTN
95408	V221220161535	Aqueous	12/20/2016 15:35	12/21/2016	2540B-2011	WTN
95408	V221220161535	Aqueous	12/20/2016 15:35	12/21/2016	2540D-2011	WTN
95408	V221220161535	Aqueous	12/20/2016 15:35	12/21/2016	2540F-2011	WTN
95408	V221220161535	Aqueous	12/20/2016 15:35	12/21/2016	4500CNE-2011	WTN
95408	V221220161535	Aqueous	12/20/2016 15:35	12/21/2016	4500CNG-2011	WTN

WTN: Waypoint Analytical, Inc.

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Sample Summary Table

Report Number: **16-356-0209**

Client Project Description: **Chromcraft**
1 Quality Dr., Senatobia, MS
Project #103902701061

Lab No	Client Sample ID	Matrix	Date Collected	Date Received	Method	Lab ID
95408	V221220161535	Aqueous	12/20/2016 15:35	12/21/2016	4500H+B-2011	WTN
95408	V221220161535	Aqueous	12/20/2016 15:35	12/21/2016	4500S2G-2011	WTN
95408	V221220161535	Aqueous	12/20/2016 15:35	12/21/2016	EPA-200.7	WTN
95408	V221220161535	Aqueous	12/20/2016 15:35	12/21/2016	EPA-200.7	WTN
95408	V221220161535	Aqueous	12/20/2016 15:35	12/21/2016	EPA-245.1	WTN
95408	V221220161535	Aqueous	12/20/2016 15:35	12/21/2016	EPA-300.0	WTN
95408	V221220161535	Aqueous	12/20/2016 15:35	12/21/2016	SW-7.3.4	WTN

WTN: Waypoint Analytical, Inc.

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 01/13/2017
Received : 12/21/2016

Randell H. Thomas
Randy Thomas
Project Manager

Report Number : **16-356-0209**

REPORT OF ANALYSIS

Lab No : **95399**
Sample ID : **V311220161338**

Matrix: **Solid**
Sampled: **12/20/2016 13:38**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
TCLP Metals Extraction	**Filtrate**			1	01/03/17 14:07	SAJ	SW-1311

Analytical Method: 6010C **Prep Batch(es):** **L316754** 01/04/17 08:25
Prep Method: 3005A

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Arsenic	**15.3**	mg/L	12.5	100	01/13/17 12:41	CCR	L317919
TCLP Barium	<12.5	mg/L	12.5	100	01/12/17 23:05	JTR	L317836
TCLP Cadmium	<2.50	mg/L	2.50	100	01/12/17 23:05	JTR	L317836
TCLP Chromium	**149000**	mg/L	50.0	1000	01/13/17 12:51	CCR	L317919
TCLP Lead	**42.7**	mg/L	5.00	100	01/13/17 12:41	CCR	L317919
TCLP Selenium	<25.0	mg/L	25.0	100	01/12/17 23:05	JTR	L317836
TCLP Silver	<2.50	mg/L	2.50	100	01/12/17 23:05	JTR	L317836

Analytical Method: 7470A **Prep Batch(es):** **L316757** 01/04/17 08:45
Prep Method: 7470A

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Mercury	**0.296**	mg/L	0.200	10	01/04/17 12:02	KKM	L316838

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 01/13/2017
Received : 12/21/2016

Randell H. Thomas
Randy Thomas
Project Manager

Report Number : **16-356-0209**

REPORT OF ANALYSIS

Lab No : **95400**
Sample ID : **V311220161338**

Matrix: **Aqueous**
Sampled: **12/20/2016 13:38**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Acidity (as CaCO3)	**325000**	mg/L	100	1	12/30/16 10:44	DB2	2310B-2011
Alkalinity (as CaCO3)	<100	mg/L	100	1	01/03/17 10:29	DB2	2320B-2011
Cyanide, Amenable	**12.4**	mg/L	10.0	1000	01/02/17 12:07	EWB	4500CNG-2011
Cyanide, Total	**15.5**	mg/L	10.0	1000	12/31/16 12:30	EWB	4500CNE-2011
pH	**0.6**	s.u.		1	12/21/16 14:25	WRO	4500H+B-2011
Total Settleable Solids	<0.1	mL/L	0.1	1	12/21/16 11:26	EWB	2540F-2011
Total Solids	**336000**	mg/L	47	1	12/23/16 13:25	GHD	2540B-2011
Total Suspended Solids	**24**	mg/L	2	1	12/21/16 13:10	KGL	2540D-2011
Sulfide	<25.0	mg/L	25.0	25	12/23/16 11:04	GHD	4500S2G-2011
Total Arsenic	**16.2**	mg/L	5.00	100	01/13/17 13:38	CCR	EPA-200.7
Total Barium	**7.95**	mg/L	5.00	100	01/12/17 22:05	JTR	EPA-200.7
Total Cadmium	<1.00	mg/L	1.00	100	01/12/17 22:05	JTR	EPA-200.7
Total Chromium	**152000**	mg/L	25.0	1000	01/13/17 13:47	CCR	EPA-200.7
Total Copper	**1400**	mg/L	2.50	100	01/12/17 22:05	JTR	EPA-200.7
Total Lead	**42.3**	mg/L	3.00	100	01/13/17 13:38	CCR	EPA-200.7
Mercury (Total)	**0.605**	mg/L	0.100	500	12/23/16 15:50	KKM	EPA-245.1
Total Selenium	<5.00	mg/L	5.00	100	01/12/17 22:05	JTR	EPA-200.7
Total Silver	<2.50	mg/L	2.50	100	01/12/17 22:05	JTR	EPA-200.7
Total Sodium	**2020**	mg/L	250	100	01/12/17 22:05	JTR	EPA-200.7
Total Zinc	<5.00	mg/L	5.00	100	01/12/17 22:05	JTR	EPA-200.7
Sulfate	**3780**	mg/L	100	100	12/28/16 10:46	BKN	EPA-300.0
Sulfide (Reactivity)	<25.0	mg/L	25.0	1	12/23/16 11:04	GHD	SW-7.3.4

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 01/13/2017
Received : 12/21/2016

Randell H. Thomas
Randy Thomas
Project Manager

Report Number : **16-356-0209**

REPORT OF ANALYSIS

Lab No : **95401**
Sample ID : **V131220161400**

Matrix: **Solid**
Sampled: **12/20/2016 14:00**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
TCLP Metals Extraction	**Filtrate**			1	01/03/17 14:07	SAJ	SW-1311

Analytical Method: 6010C **Prep Batch(es):** **L316754** 01/04/17 08:25
Prep Method: 3005A

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Arsenic	<12.5	mg/L	12.5	100	01/12/17 23:10	JTR	L317836
TCLP Barium	<12.5	mg/L	12.5	100	01/12/17 23:10	JTR	L317836
TCLP Cadmium	<2.50	mg/L	2.50	100	01/12/17 23:10	JTR	L317836
TCLP Chromium	**113**	mg/L	5.00	100	01/13/17 12:32	CCR	L317919
TCLP Lead	<5.00	mg/L	5.00	100	01/13/17 12:32	CCR	L317919
TCLP Selenium	<25.0	mg/L	25.0	100	01/12/17 23:10	JTR	L317836
TCLP Silver	<2.50	mg/L	2.50	100	01/12/17 23:10	JTR	L317836

Analytical Method: 7470A **Prep Batch(es):** **L316757** 01/04/17 08:45
Prep Method: 7470A

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Mercury	<0.0200	mg/L	0.0200	1	01/04/17 12:04	KKM	L316838

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 01/13/2017
Received : 12/21/2016

Randy Thomas
Project Manager

Report Number : **16-356-0209**

REPORT OF ANALYSIS

Lab No : **95402**
Sample ID : **V131220161400**

Matrix: **Aqueous**
Sampled: **12/20/2016 14:00**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Acidity (as CaCO3)	**140000**	mg/L	100	1	12/30/16 10:44	DB2	2310B-2011
Alkalinity (as CaCO3)	<100	mg/L	100	1	01/03/17 10:29	DB2	2320B-2011
Cyanide, Amenable	<10.0	mg/L	10.0	1000	01/02/17 12:07	EWB	4500CNG-2011
Cyanide, Total	<10.0	mg/L	10.0	1000	12/31/16 12:30	EWB	4500CNE-2011
pH	**0.6**	s.u.		1	12/21/16 14:25	WRO	4500H+B-2011
Total Settleable Solids	**38.7**	mL/L	0.1	1	12/21/16 11:26	EWB	2540F-2011
Total Solids	**309000**	mg/L	38	1	12/23/16 13:25	GHD	2540B-2011
Total Suspended Solids	**41**	mg/L	2	1	12/21/16 13:10	KGL	2540D-2011
Sulfide	<25.0	mg/L	25.0	25	12/23/16 11:04	GHD	4500S2G-2011
Total Arsenic	<5.00	mg/L	5.00	100	01/12/17 22:10	JTR	EPA-200.7
Total Barium	<5.00	mg/L	5.00	100	01/12/17 22:10	JTR	EPA-200.7
Total Cadmium	<1.00	mg/L	1.00	100	01/12/17 22:10	JTR	EPA-200.7
Total Chromium	**85.3**	mg/L	2.50	100	01/13/17 13:28	CCR	EPA-200.7
Total Copper	**43.7**	mg/L	2.50	100	01/12/17 22:10	JTR	EPA-200.7
Total Lead	<3.00	mg/L	3.00	100	01/13/17 13:28	CCR	EPA-200.7
Mercury (Total)	<0.00020	mg/L	0.00020	1	12/23/16 15:38	KKM	EPA-245.1
Total Selenium	<5.00	mg/L	5.00	100	01/12/17 22:10	JTR	EPA-200.7
Total Silver	<2.50	mg/L	2.50	100	01/12/17 22:10	JTR	EPA-200.7
Total Sodium	**52700**	mg/L	250	100	01/12/17 22:10	JTR	EPA-200.7
Total Zinc	<5.00	mg/L	5.00	100	01/12/17 22:10	JTR	EPA-200.7
Sulfate	**293000**	mg/L	10000	10000	12/29/16 14:11	BKN	EPA-300.0
Sulfide (Reactivity)	<25.0	mg/L	25.0	1	12/23/16 11:04	GHD	SW-7.3.4

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 01/13/2017
Received : 12/21/2016

Randy Thomas
Project Manager

Report Number : **16-356-0209**

REPORT OF ANALYSIS

Lab No : **95403**
Sample ID : **V161220161500**

Matrix: **Solid**
Sampled: **12/20/2016 15:00**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
TCLP Metals Extraction	**Filtrate**			1	01/03/17 14:07	SAJ	SW-1311

Analytical Method: 6010C **Prep Batch(es):** **L316754** 01/04/17 08:25
Prep Method: 3005A

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Arsenic	<12.5	mg/L	12.5	100	01/11/17 00:54	JTR	L317712
TCLP Barium	<12.5	mg/L	12.5	100	01/11/17 00:54	JTR	L317712
TCLP Cadmium	<2.50	mg/L	2.50	100	01/11/17 00:54	JTR	L317712
TCLP Chromium	<5.00	mg/L	5.00	100	01/11/17 00:54	JTR	L317712
TCLP Lead	<5.00	mg/L	5.00	100	01/11/17 00:54	JTR	L317712
TCLP Selenium	<25.0	mg/L	25.0	100	01/11/17 00:54	JTR	L317712
TCLP Silver	<2.50	mg/L	2.50	100	01/11/17 00:54	JTR	L317712

Analytical Method: 7470A **Prep Batch(es):** **L316757** 01/04/17 08:45
Prep Method: 7470A

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Mercury	<0.0200	mg/L	0.0200	1	01/04/17 12:05	KKM	L316838

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 01/13/2017
Received : 12/21/2016

Randell H. Thomas
Randy Thomas
Project Manager

Report Number : **16-356-0209**

REPORT OF ANALYSIS

Lab No : **95404**
Sample ID : **V161220161500**

Matrix: **Aqueous**
Sampled: **12/20/2016 15:00**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Acidity (as CaCO3)	**22000**	mg/L	100	1	12/30/16 10:44	DB2	2310B-2011
Alkalinity (as CaCO3)	<100	mg/L	100	1	01/03/17 10:29	DB2	2320B-2011
Cyanide, Amenable	<10.0	mg/L	10.0	1000	01/02/17 12:07	EWB	4500CNG-2011
Cyanide, Total	<10.0	mg/L	10.0	1000	12/31/16 12:30	EWB	4500CNE-2011
pH	**3.1**	s.u.		1	12/21/16 14:25	WRO	4500H+B-2011
Total Settleable Solids	<0.1	mL/L	0.1	1	12/21/16 11:26	EWB	2540F-2011
Total Solids	**133000**	mg/L	40	1	12/23/16 13:25	GHD	2540B-2011
Total Suspended Solids	**28**	mg/L	2	1	12/21/16 13:10	KGL	2540D-2011
Sulfide	<25.0	mg/L	25.0	25	12/23/16 11:04	GHD	4500S2G-2011
Total Arsenic	<5.00	mg/L	5.00	100	01/11/17 00:58	JTR	EPA-200.7
Total Barium	<5.00	mg/L	5.00	100	01/11/17 00:58	JTR	EPA-200.7
Total Cadmium	<1.00	mg/L	1.00	100	01/12/17 22:15	JTR	EPA-200.7
Total Chromium	<2.50	mg/L	2.50	100	01/11/17 00:58	JTR	EPA-200.7
Total Copper	<2.50	mg/L	2.50	100	01/12/17 22:15	JTR	EPA-200.7
Total Lead	<3.00	mg/L	3.00	100	01/11/17 00:58	JTR	EPA-200.7
Mercury (Total)	<0.00200	mg/L	0.00200	10	12/23/16 14:00	KKM	EPA-245.1
Total Selenium	<5.00	mg/L	5.00	100	01/11/17 00:58	JTR	EPA-200.7
Total Silver	<2.50	mg/L	2.50	100	01/11/17 00:58	JTR	EPA-200.7
Total Sodium	**14300**	mg/L	250	100	01/11/17 00:58	JTR	EPA-200.7
Total Zinc	<5.00	mg/L	5.00	100	01/11/17 00:58	JTR	EPA-200.7
Sulfate	**59300**	mg/L	1000	1000	12/28/16 20:30	BKN	EPA-300.0
Sulfide (Reactivity)	<25.0	mg/L	25.0	1	12/23/16 11:04	GHD	SW-7.3.4

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 01/13/2017
Received : 12/21/2016

Randell H. Thomas
Randy Thomas
Project Manager

Report Number : **16-356-0209**

REPORT OF ANALYSIS

Lab No : **95405**
Sample ID : **V171220161515**

Matrix: **Solid**
Sampled: **12/20/2016 15:15**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
TCLP Metals Extraction	**Filtrate**			1	01/03/17 14:07	SAJ	SW-1311

Analytical Method: 6010C **Prep Batch(es):** **L316754** 01/04/17 08:25
Prep Method: 3005A

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Arsenic	<12.5	mg/L	12.5	100	01/13/17 12:37	CCR	L317919
TCLP Barium	<12.5	mg/L	12.5	100	01/13/17 12:37	CCR	L317919
TCLP Cadmium	**14.3**	mg/L	2.50	100	01/13/17 12:37	CCR	L317919
TCLP Chromium	<5.00	mg/L	5.00	100	01/13/17 12:37	CCR	L317919
TCLP Lead	<5.00	mg/L	5.00	100	01/13/17 12:37	CCR	L317919
TCLP Selenium	<25.0	mg/L	25.0	100	01/13/17 12:37	CCR	L317919
TCLP Silver	<2.50	mg/L	2.50	100	01/13/17 12:37	CCR	L317919

Analytical Method: 7470A **Prep Batch(es):** **L316757** 01/04/17 08:45
Prep Method: 7470A

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Mercury	<0.0200	mg/L	0.0200	1	01/04/17 12:10	KKM	L316838

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 01/13/2017
Received : 12/21/2016

Randy Thomas
Project Manager

Report Number : **16-356-0209**

REPORT OF ANALYSIS

Lab No : **95406**
Sample ID : **V171220161515**

Matrix: **Aqueous**
Sampled: **12/20/2016 15:15**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Acidity (as CaCO3)	**52000**	mg/L	100	1	12/30/16 10:44	DB2	2310B-2011
Alkalinity (as CaCO3)	**700**	mg/L	100	1	01/03/17 10:29	DB2	2320B-2011
Cyanide, Amenable	<10.0	mg/L	10.0	1000	01/02/17 12:07	EWB	4500CNG-2011
Cyanide, Total	<10.0	mg/L	10.0	1000	12/31/16 12:30	EWB	4500CNE-2011
pH	**4.5**	s.u.		1	12/21/16 14:25	WRO	4500H+B-2011
Total Settleable Solids	**1.4**	mL/L	0.1	1	12/21/16 11:26	EWB	2540F-2011
Total Solids	**447000**	mg/L	45	1	12/23/16 13:25	GHD	2540B-2011
Total Suspended Solids	**141**	mg/L	2	1	12/21/16 13:10	KGL	2540D-2011
Sulfide	<25.0	mg/L	25.0	25	12/23/16 11:04	GHD	4500S2G-2011
Total Arsenic	**5.15**	mg/L	5.00	100	01/13/17 13:33	CCR	EPA-200.7
Total Barium	<5.00	mg/L	5.00	100	01/13/17 13:33	CCR	EPA-200.7
Total Cadmium	**15.1**	mg/L	1.00	100	01/13/17 13:33	CCR	EPA-200.7
Total Chromium	<2.50	mg/L	2.50	100	01/13/17 13:33	CCR	EPA-200.7
Total Copper	**208**	mg/L	2.50	100	01/13/17 13:33	CCR	EPA-200.7
Total Lead	<3.00	mg/L	3.00	100	01/13/17 13:33	CCR	EPA-200.7
Mercury (Total)	<0.00200	mg/L	0.00200	10	12/23/16 14:02	KKM	EPA-245.1
Total Selenium	<5.00	mg/L	5.00	100	01/13/17 13:33	CCR	EPA-200.7
Total Silver	<2.50	mg/L	2.50	100	01/13/17 13:33	CCR	EPA-200.7
Total Sodium	**28000**	mg/L	250	100	01/13/17 13:33	CCR	EPA-200.7
Total Zinc	<5.00	mg/L	5.00	100	01/13/17 13:33	CCR	EPA-200.7
Sulfate	**146000**	mg/L	10000	10000	12/29/16 14:31	BKN	EPA-300.0
Sulfide (Reactivity)	<25.0	mg/L	25.0	1	12/23/16 11:04	GHD	SW-7.3.4

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 01/13/2017
Received : 12/21/2016

Randy Thomas
Project Manager

Report Number : **16-356-0209**

REPORT OF ANALYSIS

Lab No : **95407**
Sample ID : **V221220161535**

Matrix: **Solid**
Sampled: **12/20/2016 15:35**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
TCLP Metals Extraction	**Filtrate**			1	01/03/17 14:07	SAJ	SW-1311

Analytical Method: 6010C **Prep Batch(es):** **L316957** 01/05/17 09:55
Prep Method: 3005A

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Arsenic	<125	mg/L	125	100	01/13/17 15:46	JTR	L317944
TCLP Barium	<125	mg/L	125	100	01/13/17 15:46	JTR	L317944
TCLP Cadmium	<25.0	mg/L	25.0	100	01/13/17 15:46	JTR	L317944
TCLP Chromium	<50.0	mg/L	50.0	100	01/13/17 15:46	JTR	L317944
TCLP Lead	<50.0	mg/L	50.0	100	01/13/17 15:46	JTR	L317944
TCLP Selenium	<250	mg/L	250	100	01/13/17 15:46	JTR	L317944
TCLP Silver	<25.0	mg/L	25.0	100	01/13/17 15:46	JTR	L317944

Analytical Method: 7470A **Prep Batch(es):** **L316757** 01/04/17 08:45
Prep Method: 7470A

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Mercury	<0.0200	mg/L	0.0200	1	01/04/17 12:11	KKM	L316838

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 01/13/2017
Received : 12/21/2016

Randell H. Thomas

Randy Thomas
Project Manager

Report Number : **16-356-0209**

REPORT OF ANALYSIS

Lab No : **95408**
Sample ID : **V221220161535**

Matrix: **Aqueous**
Sampled: **12/20/2016 15:35**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Acidity (as CaCO3)	<100	mg/L	100	1	12/30/16 10:44	DB2	2310B-2011
Alkalinity (as CaCO3)	**106000**	mg/L	100	1	01/03/17 10:29	DB2	2320B-2011
Cyanide, Amenable	**180000**	mg/L	250	25000	01/02/17 12:07	EWB	4500CNG-2011
Cyanide, Total	**182000**	mg/L	5000	500000	12/31/16 12:30	EWB	4500CNE-2011
pH	**9.6**	s.u.		1	12/21/16 14:25	WRO	4500H+B-2011
Total Settleable Solids	**13.1**	mL/L	0.1	1	12/21/16 11:26	EWB	2540F-2011
Total Solids	**364000**	mg/L	31	1	12/23/16 13:25	GHD	2540B-2011
Total Suspended Solids	**589**	mg/L	2	1	12/21/16 13:30	KGL	2540D-2011
Sulfide	<25.0	mg/L	25.0	25	12/23/16 11:04	GHD	4500S2G-2011
Total Arsenic	<50.0	mg/L	50.0	100	01/12/17 22:24	JTR	EPA-200.7
Total Barium	<50.0	mg/L	50.0	100	01/12/17 22:24	JTR	EPA-200.7
Total Cadmium	<10.0	mg/L	10.0	100	01/12/17 22:24	JTR	EPA-200.7
Total Chromium	**34.5**	mg/L	25.0	100	01/12/17 22:24	JTR	EPA-200.7
Total Copper	**59100**	mg/L	25.0	100	01/12/17 22:24	JTR	EPA-200.7
Total Lead	<30.0	mg/L	30.0	100	01/13/17 13:57	CCR	EPA-200.7
Mercury (Total)	**0.0110**	mg/L	0.0100	1	12/23/16 14:04	KKM	EPA-245.1
Total Selenium	<50.0	mg/L	50.0	100	01/12/17 22:24	JTR	EPA-200.7
Total Silver	<25.0	mg/L	25.0	100	01/12/17 22:24	JTR	EPA-200.7
Total Sodium	**82600**	mg/L	2500	100	01/12/17 22:24	JTR	EPA-200.7
Total Zinc	**2680**	mg/L	50.0	100	01/12/17 22:24	JTR	EPA-200.7
Sulfate	**5060**	mg/L	100	100	12/28/16 11:56	BKN	EPA-300.0
Sulfide (Reactivity)	<25.0	mg/L	25.0	1	12/23/16 11:04	GHD	SW-7.3.4

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: Tetra Tech EM, Inc.
Project Description: Chromcraft
Report No: 16-356-0209

QC Prep Batch: L316081
QC Prep Batch Method: EPA-200.7 (PREP)
Analysis Method: EPA-200.7
Analysis Description: Total Metals

Lab Reagent Blank LRB-L316081 Matrix: AQU

Associated Lab Samples: 95400, 95402, 95404, 95406, 95408

Parameter	Units	Blank Result	MQL	Analyzed
Total Arsenic	mg/L	< 0.010	0.010	01/12/17 22:01
Total Barium	mg/L	< 0.010	0.010	01/12/17 22:01
Total Cadmium	mg/L	< 0.0020	0.0020	01/12/17 22:01
Total Chromium	mg/L	< 0.005	0.005	01/12/17 22:01
Total Copper	mg/L	< 0.005	0.005	01/12/17 22:01
Total Lead	mg/L	< 0.006	0.006	12/29/16 01:10
Total Selenium	mg/L	< 0.010	0.010	01/12/17 22:01
Total Silver	mg/L	< 0.005	0.005	01/12/17 22:01
Total Sodium	mg/L	< 0.500	0.500	01/12/17 22:01
Total Zinc	mg/L	< 0.010	0.010	01/12/17 22:01

Laboratory Control Sample LCS-L316081

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
Total Arsenic	mg/L	0.100	0.098	98.0	85-115
Total Barium	mg/L	1.00	0.936	93.6	85-115
Total Cadmium	mg/L	0.100	0.0968	96.8	85-115
Total Chromium	mg/L	1.00	1.05	105	85-115
Total Copper	mg/L	1.00	0.917	91.7	85-115
Total Lead	mg/L	0.100	0.095	95.0	85-115
Total Selenium	mg/L	0.100	0.093	93.0	85-115
Total Silver	mg/L	0.100	0.099	99.0	85-115
Total Sodium	mg/L	10.0	9.76	97.6	85-115
Total Zinc	mg/L	1.00	0.962	96.2	85-115

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: Tetra Tech EM, Inc.
Project Description: Chromcraft
Report No: 16-356-0209

QC Prep Batch: L316081
QC Prep Batch Method: EPA-200.7 (PREP)
Analysis Method: EPA-200.7
Analysis Description: Total Metals

Matrix Spike & Matrix Spike Duplicate L 95431-MS-L316081 L 95431-MSD-L316081

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
Total Arsenic	mg/L	< 50.0	0.500	0.500	27.6	27.6	0.0*	0.0*	70-130	0.0	20.0
Total Barium	mg/L	< 0.500	5.00	5.00	5.38	5.39	108	108	70-130	0.1	20.0
Total Cadmium	mg/L	0.135	0.500	0.500	0.730	0.720	119	117	70-130	1.3	20.0
Total Chromium	mg/L	19600	5.00	5.00	20600	20200	20000*	12000*	70-130	1.9	20.0
Total Copper	mg/L	237	5.00	5.00	261	254	480*	340*	70-130	2.7	20.0
Total Lead	mg/L	< 3.00	0.500	0.500	1.97	1.97	0.0*	0.0*	70-130	0.0	20.0
Total Selenium	mg/L	< 0.500	0.500	0.500	0.318	0.318	0.0*	0.0*	70-130	0.0	20.0
Total Silver	mg/L	< 0.250	0.500	0.500	0.575	0.575	115	115	70-130	0.0	20.0
Total Sodium	mg/L	2720	50.0	50.0	2920	2840	400*	240*	70-130	2.7	20.0
Total Zinc	mg/L	8.55	5.00	5.00	12.7	12.6	83.0	81.0	70-130	0.7	20.0

Post Digestion Spike L 95431-PDS-L316081

Parameter	Units	PDS Result	% Recovery	Analyzed
Total Arsenic	mg/L	1.20	96.0	01/03/17 23:40
Total Barium	mg/L	13.2	105	12/30/16 03:16
Total Cadmium	mg/L	1.32	105	12/30/16 03:16
Total Chromium	mg/L	108	97.5	12/30/16 04:52
Total Copper	mg/L	24.0	98.5	12/30/16 03:16
Total Lead	mg/L	1.25	100	12/30/16 03:16
Total Selenium	mg/L	1.26	101	12/30/16 03:16
Total Silver	mg/L	1.28	102	12/30/16 03:16
Total Sodium	mg/L	256	98.0	12/30/16 03:16
Total Zinc	mg/L	12.1	96.5	12/30/16 04:52

* QC Fail

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: **Tetra Tech EM, Inc.**
Project Description: **Chromcraft**
Report No: **16-356-0209**

QC Prep Batch: L315965 **Analysis Method:** EPA-245.1
QC Prep Batch Method: EPA-245.1 (PREP) **Analysis Description:** Mercury

Lab Reagent Blank LRB-L315965 Matrix: AQU

Associated Lab Samples: 95400, 95402, 95404, 95406, 95408

Parameter	Units	Blank Result	MQL	Analyzed
Mercury (Total)	mg/L	< 0.00020	0.00020	12/23/16 13:19

Laboratory Control Sample LCS-L315965

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
Mercury (Total)	mg/L	0.00400	0.00416	104	85-115

Matrix Spike & Matrix Spike Duplicate L 95938-MS-L315965 L 95938-MSD-L315965

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
Mercury (Total)	mg/L	< 0.00020	0.00400	0.00400	0.00403	0.00403	101	101	70-130	0.0	20.0

Post Digestion Spike L 95938-PDS-L315965

Parameter	Units	PDS Result	% Recovery	Analyzed
Mercury (Total)	mg/L	0.00504	101	12/23/16 14:19

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: **Tetra Tech EM, Inc.**
Project Description: **Chromcraft**
Report No: **16-356-0209**

QC Prep Batch: L316321
QC Prep Batch Method: EPA-300.0 (PREP)
Analysis Method: EPA-300.0
Analysis Description: Anions by Ion Chromatography

Lab Reagent Blank LRB-L316321 Matrix: AQU

Associated Lab Samples: 95400, 95402, 95404, 95406, 95408

Parameter	Units	Blank Result	MQL	Analyzed
Sulfate	mg/L	< 1.00	1.00	12/28/16 08:55

Laboratory Control Sample LCS-L316321

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
Sulfate	mg/L	69.4	69.0	99.3	90-110

Matrix Spike & Matrix Spike Duplicate L 96588-MS-L316321 L 96588-MSD-L316321

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
Sulfate	mg/L	2.21	69.4	69.4	72.6	72.8	101	102	80-120	0.2	20.0

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: **Tetra Tech EM, Inc.**
Project Description: **Chromcraft**
Report No: **16-356-0209**

QC Prep Batch: L316484
QC Prep Batch Method: SM-2310B
Analysis Method: 2310B-2011
Analysis Description: Acidity

Duplicate L 95415-DUP

Parameter	Units	Result	DUP Result	RPD	Max RPD	Analyzed
Acidity (as CaCO3)	mg/L	< 100	< 100	0.0	15	12/30/16 10:44

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: **Tetra Tech EM, Inc.**
Project Description: **Chromcraft**
Report No: **16-356-0209**

QC Prep Batch: L316628
QC Prep Batch Method: SM-2320 B
Analysis Method: 2320B-2011
Analysis Description: Alkalinity

Duplicate L 95406-DUP

Parameter	Units	Result	DUP Result	RPD	Max RPD	Analyzed
Alkalinity (as CaCO3)	mg/L	700	700	0.0	10	01/03/17 10:29

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: **Tetra Tech EM, Inc.**
Project Description: **Chromcraft**
Report No: **16-356-0209**

QC Prep Batch: L316019
QC Prep Batch Method: SM-2540B
Analysis Method: 2540B-2011
Analysis Description: Total Solids

Lab Reagent Blank LRB Matrix: AQU

Associated Lab Samples: 95400, 95402, 95404, 95406, 95408

Parameter	Units	Blank Result	MQL	Analyzed
Total Solids	mg/L	< 10	10	12/23/16 13:25

Laboratory Control Sample LCS

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
Total Solids	mg/L	250	259	104	90-110

Duplicate L 95408-DUP

Parameter	Units	Result	DUP Result	RPD	Max RPD	Analyzed
Total Solids	mg/L	364000	412000	12.3*	10	12/23/16 13:25

* QC Fail

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: Tetra Tech EM, Inc.
Project Description: Chromcraft
Report No: 16-356-0209

QC Prep Batch: L315668 **Analysis Method:** 2540D-2011
QC Prep Batch Method: SM-2540D **Analysis Description:** Total Suspended Solids

Lab Reagent Blank LRB Matrix: AQU

Associated Lab Samples: 95400, 95402, 95404, 95406

Parameter	Units	Blank Result	MQL	Analyzed
Total Suspended Solids	mg/L	< 2	2	12/21/16 13:10

Duplicate L 95365-DUP

Parameter	Units	Result	DUP Result	RPD	Max RPD	Analyzed
Total Suspended Solids	mg/L	6	4	40.0*	10	12/21/16 13:10

QC Prep Batch: L315669 **Analysis Method:** 2540D-2011
QC Prep Batch Method: SM-2540D **Analysis Description:** Total Suspended Solids

Lab Reagent Blank LRB Matrix: AQU

Associated Lab Samples: 95408

Parameter	Units	Blank Result	MQL	Analyzed
Total Suspended Solids	mg/L	< 2	2	12/21/16 13:30

Duplicate L 95411-DUP

Parameter	Units	Result	DUP Result	RPD	Max RPD	Analyzed
Total Suspended Solids	mg/L	12	8	40.0*	10	12/21/16 13:30

* QC Fail

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: **Tetra Tech EM, Inc.**
Project Description: **Chromcraft**
Report No: **16-356-0209**

QC Prep Batch: L316535
QC Prep Batch Method: SM-4500CNE
Analysis Method: 4500CNE-2011
Analysis Description: Total Cyanide

Lab Reagent Blank LRB Matrix: AQU

Associated Lab Samples: 95400, 95402, 95404, 95406, 95408

Parameter	Units	Blank Result	MQL	Analyzed
Cyanide, Total	mg/L	< 0.005	0.005	12/31/16 12:30

Laboratory Control Sample LCS

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
Cyanide, Total	mg/L	0.200	0.190	95.0	90-110

Duplicate L 95811-DUP

Parameter	Units	Result	DUP Result	RPD	Max RPD	Analyzed
Cyanide, Total	mg/L	0.225	0.213	5.4	20.0	12/31/16 12:30

Matrix Spike L 95811-MS

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	%Rec Limits	RPD	Max RPD
Cyanide, Total	mg/L	0.225	0.200		0.389		82.0	70-130		

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: Tetra Tech EM, Inc.
Project Description: Chromcraft
Report No: 16-356-0209

QC Prep Batch: L316006
QC Prep Batch Method: SM-4500S2G
Analysis Method: 4500S2G-2011
Analysis Description: Sulfide by ISE

Lab Reagent Blank LRB Matrix: AQU

Associated Lab Samples: 95400, 95402, 95404, 95406, 95408

Parameter	Units	Blank Result	MQL	Analyzed
Sulfide	mg/L	< 1.00	1.00	12/23/16 11:04

Laboratory Control Sample LCS

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
Sulfide	mg/L	5.01	4.58	91.4	80-120

Duplicate G 88977-DUP

Parameter	Units	Result	DUP Result	RPD	Max RPD	Analyzed
Sulfide	mg/L	< 1.00	< 1.00	0.0	20.0	12/23/16 11:04

Matrix Spike G 88977-MS

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	%Rec Limits	RPD	Max RPD
Sulfide	mg/L	< 1.02	2.04		1.98		97.0	70-130		

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: Tetra Tech EM, Inc.
Project Description: Chromcraft
Report No: 16-356-0209

QC Prep Batch: L316754
QC Prep Batch Method: 3005A
Analysis Method: 6010C
Analysis Description: Metals Analysis (TCLP)

Lab Reagent Blank LRB-L316754 Matrix: TCL

Associated Lab Samples: 95399, 95401, 95403, 95405

Parameter	Units	Blank Result	MQL	Analyzed
TCLP Arsenic	mg/L	< 0.025	0.025	01/12/17 23:00
TCLP Barium	mg/L	< 0.025	0.025	01/12/17 23:00
TCLP Cadmium	mg/L	< 0.005	0.005	01/12/17 23:00
TCLP Chromium	mg/L	< 0.010	0.010	01/13/17 14:29
TCLP Lead	mg/L	< 0.010	0.010	01/13/17 14:29
TCLP Selenium	mg/L	< 0.050	0.050	01/12/17 23:00
TCLP Silver	mg/L	< 0.005	0.005	01/12/17 23:00

Laboratory Control Sample LCS-L316754

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
TCLP Arsenic	mg/L	0.100	0.099	99.0	80-120
TCLP Barium	mg/L	1.00	0.956	95.6	80-120
TCLP Cadmium	mg/L	0.100	0.098	98.0	80-120
TCLP Chromium	mg/L	1.00	1.05	105	80-120
TCLP Lead	mg/L	0.100	0.104	104	80-120
TCLP Selenium	mg/L	0.100	0.094	94.0	80-120
TCLP Silver	mg/L	0.100	0.098	98.0	80-120

Matrix Spike & Matrix Spike Duplicate L 96956-MS-L316754 L 96956-MSD-L316754

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
TCLP Arsenic	mg/L	< 0.025	0.500	0.500	0.517	0.502	103	100	75-125	2.9	20.0
TCLP Barium	mg/L	1.53	5.00	5.00	6.35	6.20	96.4	93.4	75-125	2.3	20.0
TCLP Cadmium	mg/L	< 0.005	0.500	0.500	0.496	0.480	99.2	96.0	75-125	3.2	20.0
TCLP Chromium	mg/L	0.025	5.00	5.00	4.89	4.74	97.3	94.3	75-125	3.1	20.0
TCLP Lead	mg/L	< 0.010	0.500	0.500	0.478	0.465	95.6	93.0	75-125	2.7	20.0

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: **Tetra Tech EM, Inc.**
Project Description: **Chromcraft**
Report No: **16-356-0209**

QC Prep Batch: L316754
QC Prep Batch Method: 3005A
Analysis Method: 6010C
Analysis Description: Metals Analysis (TCLP)

Matrix Spike & Matrix Spike Duplicate L 96956-MS-L316754 L 96956-MSD-L316754

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
TCLP Selenium	mg/L	< 0.050	0.500	0.500	0.551	0.535	110	107	75-125	2.9	20.0
TCLP Silver	mg/L	< 0.005	0.500	0.500	0.502	0.506	100	101	75-125	0.7	20.0

Post Digestion Spike L 96956-PDS-L316754

Parameter	Units	PDS Result	% Recovery	Analyzed
TCLP Arsenic	mg/L	0.249	99.9	01/05/17 03:06
TCLP Barium	mg/L	3.19	97.7	01/05/17 03:06
TCLP Cadmium	mg/L	0.248	99.4	01/05/17 03:06
TCLP Chromium	mg/L	2.51	99.7	01/05/17 03:06
TCLP Lead	mg/L	0.249	99.6	01/06/17 13:15
TCLP Selenium	mg/L	0.258	103	01/05/17 03:06
TCLP Silver	mg/L	0.254	102	01/05/17 03:06

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: Tetra Tech EM, Inc.
Project Description: Chromcraft
Report No: 16-356-0209

QC Prep Batch: L316957
QC Prep Batch Method: 3005A
Analysis Method: 6010C
Analysis Description: Metals Analysis (TCLP)

Lab Reagent Blank LRB-L316957 Matrix: TCL

Associated Lab Samples: 95407

Parameter	Units	Blank Result	MQL	Analyzed
TCLP Arsenic	mg/L	< 0.025	0.025	01/05/17 20:02
TCLP Barium	mg/L	< 0.025	0.025	01/05/17 20:02
TCLP Cadmium	mg/L	< 0.005	0.005	01/05/17 20:02
TCLP Chromium	mg/L	< 0.010	0.010	01/05/17 20:02
TCLP Lead	mg/L	< 0.010	0.010	01/05/17 20:02
TCLP Selenium	mg/L	< 0.050	0.050	01/05/17 20:02
TCLP Silver	mg/L	< 0.005	0.005	01/05/17 20:02

Laboratory Control Sample LCS-L316957

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
TCLP Arsenic	mg/L	0.100	0.099	99.0	80-120
TCLP Barium	mg/L	1.00	0.986	98.6	80-120
TCLP Cadmium	mg/L	0.100	0.100	100	80-120
TCLP Chromium	mg/L	1.00	1.04	104	80-120
TCLP Lead	mg/L	0.100	0.096	96.0	80-120
TCLP Selenium	mg/L	0.100	0.097	97.0	80-120
TCLP Silver	mg/L	0.100	0.100	100	80-120

Matrix Spike & Matrix Spike Duplicate L 96130-MS-L316957 L 96130-MSD-L316957

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
TCLP Arsenic	mg/L	< 0.025	0.500	0.500	0.536	0.533	107	107	75-125	0.5	20.0
TCLP Barium	mg/L	0.136	5.00	5.00	4.73	4.74	91.8	92.0	75-125	0.2	20.0
TCLP Cadmium	mg/L	< 0.005	0.500	0.500	0.455	0.454	91.0	90.8	75-125	0.2	20.0
TCLP Chromium	mg/L	< 0.010	5.00	5.00	4.73	4.75	94.6	95.0	75-125	0.4	20.0
TCLP Lead	mg/L	< 0.010	0.500	0.500	0.424	0.422	84.8	84.4	75-125	0.4	20.0

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: **Tetra Tech EM, Inc.**
Project Description: **Chromcraft**
Report No: **16-356-0209**

QC Prep Batch: L316957
QC Prep Batch Method: 3005A
Analysis Method: 6010C
Analysis Description: Metals Analysis (TCLP)

Matrix Spike & Matrix Spike Duplicate L 96130-MS-L316957 L 96130-MSD-L316957

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
TCLP Selenium	mg/L	< 0.050	0.500	0.500	0.534	0.532	107	106	75-125	0.3	20.0
TCLP Silver	mg/L	< 0.005	0.500	0.500	0.520	0.522	104	104	75-125	0.3	20.0

Post Digestion Spike L 96130-PDS-L316957

Parameter	Units	PDS Result	% Recovery	Analyzed
TCLP Arsenic	mg/L	0.258	103	01/05/17 20:54
TCLP Barium	mg/L	2.43	94.4	01/05/17 20:54
TCLP Cadmium	mg/L	0.233	93.3	01/05/17 20:54
TCLP Chromium	mg/L	2.45	97.8	01/05/17 20:54
TCLP Lead	mg/L	0.222	88.9	01/05/17 20:54
TCLP Selenium	mg/L	0.254	102	01/05/17 20:54
TCLP Silver	mg/L	0.259	104	01/05/17 20:54

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: **Tetra Tech EM, Inc.**
Project Description: **Chromcraft**
Report No: **16-356-0209**

QC Prep Batch: L316757 **Analysis Method:** 7470A
QC Prep Batch Method: 7470A **Analysis Description:** Total Aqueous Mercury Analysis - CVA

Lab Reagent Blank LRB-L316757 Matrix: TCL

Associated Lab Samples: 95399, 95401, 95403, 95405, 95407

Parameter	Units	Blank Result	MQL	Analyzed
TCLP Mercury	mg/L	< 0.0010	0.0010	01/04/17 11:33

Laboratory Control Sample LCS-L316757

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
TCLP Mercury	mg/L	0.0040	0.0042	105	80-120

Matrix Spike & Matrix Spike Duplicate L 95407-MS-L316757 L 95407-MSD-L316757

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
TCLP Mercury	mg/L	< 0.0200	0.0800	0.0800	0.0742	0.0778	92.7	97.2	80-120	4.7	20.0

Post Digestion Spike L 95407-PDS-L316757

Parameter	Units	PDS Result	% Recovery	Analyzed
TCLP Mercury	mg/L	0.102	102	01/04/17 12:17

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Cooler Receipt Form

Customer Number: **06379**
Customer Name: **Tetra Tech EM, Inc.**
Report Number: **16-356-0209**

Shipping Method

○ Fed Ex ○ US Postal ○ Lab ○ Other :
○ UPS ● Client ○ Courier Thermometer ID: #10

Shipping container/cooler uncompromised?	● Yes	○ No	
Number of coolers received	2		
Custody seals intact on shipping container/cooler?	○ Yes	○ No	● Not Required
Custody seals intact on sample bottles?	○ Yes	○ No	● Not Required
Chain of Custody (COC) present?	● Yes	○ No	
COC agrees with sample label(s)?	● Yes	○ No	
COC properly completed	● Yes	○ No	
Samples in proper containers?	● Yes	○ No	
Sample containers intact?	● Yes	○ No	
Sufficient sample volume for indicated test(s)?	● Yes	○ No	
All samples received within holding time?	● Yes	○ No	
Cooler temperature in compliance?	○ Yes	● No	
Cooler/Samples arrived at the laboratory on ice. Samples were considered acceptable as cooling process had begun.	● Yes	○ No	
Water - Sample containers properly preserved	● Yes	○ No	○ N/A
Water - VOA vials free of headspace	○ Yes	○ No	● N/A
Trip Blanks received with VOAs	○ Yes	○ No	● N/A
Soil VOA method 5035 – compliance criteria met	○ Yes	○ No	● N/A

☐ High concentration container (48 hr) ☐ Low concentration EnCore samplers (48 hr)
☐ High concentration pre-weighed (methanol -14 d) ☐ Low conc pre-weighed vials (Sod Bis -14 d)

Special precautions or instructions included?	○ Yes	● No

Comments: Cooler temps @ 8.1 and 8.8 degrees C.

Any regulatory non-compliance issues will be recorded on non-compliance report.

Signature: Danyale Love Date & Time: 12/21/2016 09:53:17

Waypoint ANALYTICAL

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

Kit ID:	0000074505
Initiated By:	Randy Thomas
Project Commment	

CHAIN-OF-CUSTO

16-356-0209
06379
12-21-2016
09:50:00
Tetra Tech EM, Inc.
Chromcraft

Company Name	Company Number	Client Project Manager/Contact	Purchase Order Number
Tetra Tech EM, Inc.	06379	Tetra Tech EM, Inc.	
Site Name	**Project Number**	☐ RUSH – Additional charges apply ☐ Special Detection Limits(s) Date Results Needed	**Method of Shipment** ☐ Fed Ex ☐ UPS ☐ USPS ☐ Courier ☑ Client Drop Off Other
Chromecraft	103X902701061		
LIMS Project ID	**Project Manager Phone #**	**Project Manager Email**	**Site/Facility ID #**
Tetra Tech - Chromcraft	Todd Taylor 615.992.5556 (687) 775-3104	todd.taylor@tetratech.com	

Date	Time	Sample ID	Matrix	Grab/ Comp	# of Cont	Container Type	Preservation	Analyses
12/20/16	1338	V31122016 1338	Aqueous	G	3	Plastic - Quart	NONE	TCLP Metals/TSS/TS/SS/SO4/pH/Alk/Acid
12/20/16	13:38	V3 1220161338	Aqueous	G	1	Plastic - Pint	NaOH - Sodium Hydroxide	CNA/CNT
12/20/16	13:38	V3 1220161338	Aqueous	G	1	Plastic - Pint	HNO3 - Nitric Acid	RCRA Metals/Cu/Na/Zn
12/20/16	13:38	V31 1220161338	Aqueous	G	1	Plastic - Pint	ZnAc+NaOH - Zinc Acetate+Sodium Hydroxide	Total & React Sulfide
12/20/16	14:00	V13122016 1400	Aqueous	G	3	Plastic - Quart	NONE	TCLP Metals/TSS/TS/SS/SO4/pH/Alk/Acid
12/20/16	14:00	V13 1220161400	Aqueous	G	1	Plastic - Pint	NaOH - Sodium Hydroxide	CNA/CNT
12/20/16	1400	V13 1220161400	Aqueous	G	1	Plastic - Pint	HNO3 - Nitric Acid	RCRA Metals/Cu/Na/Zn

For Laboratory Use Only			Sampled by (Name - Print)	Client Remarks/Comments			
Ice Y/N	Custody Seals Y/N	Lab Comments	Todd T				
		Approval to analyze per Todd Taylor. 12/21/16	Relinquished by: (SIGNATURE) Todd T	Date Time	Received by: (SIGNATURE)	Date Time	
Blank/Cooler Temp 8.1, 7.6, 8.8°C TIOBS			Relinquished by: (SIGNATURE)	Date Time	Received by: (SIGNATURE)	Date Time	
			Relinquished by: (SIGNATURE)	Date Time	Received by: (SIGNATURE) S. Cook	Date Time 12/21/16 1830	

1/3

Waypoint ANALYTICAL

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

Kit ID:	0000074505
Initiated By:	Randy Thomas
Project Commment	

CHAIN-OF-CUS

Tetra Tech EM, Inc.
Chromcraft

16-356-0209
06379
12-21-2016
09:50:00

Company Name	Company Number	Client Project Manager/Contact	Purchase Order Number
Tetra Tech EM, Inc.	06379	Tetra Tech EM, Inc.	
Site Name Chromecraft	**Project Number** 103X902701061	☐ RUSH – Additional charges apply ☐ Special Detection Limits(s) Date Results Needed	**Method of Shipment** ☐ Fed Ex ☐ UPS ☐ USPS ☐ Courier ☐ Client Drop Off Other
LIMS Project ID Tetra Tech - Chromcraft	**Project Manager Phone #** Todd Taylor 615.992 5556 (687) 775-3104	**Project Manager Email** todd.taylor@tetra tech.com	**Site/Facility ID #**

Date	Time	Sample ID	Matrix	Grab/ Comp	# of Cont	Container Type	Preservation	Analyses
12/20/16	1400	V13122016 1400	Aqueous	G	1	Plastic - Pint	ZnAc+NaOH - Zinc Acetate+Sodium Hydroxide	Total & React Sulfide
12/20/16	15:00	V16122016 1500	Aqueous	G	3	Plastic - Quart	NONE	TCLP Metals/TSS/TS/SS/SO4/pH/Alk/Acid
12/20/16	15:00	V16122016 1500	Aqueous	G	1	Plastic - Pint	NaOH - Sodium Hydroxide	CNA/CNT
12/20/16	15:00	V16122016 1500	Aqueous	G	1	Plastic - Pint	HNO3 - Nitric Acid	RCRA Metals/Cu/Na/Zn
12/20/16	15:00	V16122016 1500	Aqueous	G	1	Plastic - Pint	ZnAc+NaOH - Zinc Acetate+Sodium Hydroxide	Total & React Sulfide
12/20/16	15:15	~~V16122016~~ V17122016 1515	Aqueous	G	3	Plastic - Quart	NONE	TCLP Metals/TSS/TS/SS/SO4/pH/Alk/Acid
12/20/16	15:15	V17122016 1515	Aqueous	G	1	Plastic - Pint	NaOH - Sodium Hydroxide	CNA/CNT

For Laboratory Use Only			Sampled by (Name - Print)	Client Remarks/Comments		
Ice Y/N	Custody Seals Y/N	Lab Comments	Todd Taylor			
			Relinquished by: (SIGNATURE) Todd	Date Time 12/20/16	Received by: (SIGNATURE)	Date Time
			Relinquished by: (SIGNATURE)	Date Time	Received by: (SIGNATURE)	Date Time
Blank/Cooler Temp 8.1°C, 8.8°C TIOBS			Relinquished by: (SIGNATURE)	Date Time	Received by: (SIGNATURE) S. Cook	Date Time 12/20/16 1830

Waypoint ANALYTICAL

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

Kit ID:	0000074505
Initiated By:	Randy Thomas
Project Commment	

CHAIN-OF-CUS

16-356-0209
06379
12-21-2016
09:50:00
Tetra Tech EM, Inc.
Chromcraft

Company Name	Company Number	Client Project Manager/Contact	Purchase Order Number
Tetra Tech EM, Inc.	06379	Tetra Tech EM, Inc.	
Site Name	**Project Number**	☐ RUSH – Additional charges apply ☐ Special Detection Limits(s) Date Results Needed	**Method of Shipment** ☐ Fed Ex ☐ UPS ☐ USPS ☐ Courier ☑ Client Drop Off Other
Chromecraft	103X902701061		
LIMS Project ID	**Project Manager Phone #**	**Project Manager Email**	**Site/Facility ID #**
Tetra Tech - Chromcraft	Todd Taylor (687) 775-3104 615-992-5556	~~ttay~~ todd.Taylor@tetratech.com	

Date	Time	Sample ID	Matrix	Grab/ Comp	# of Cont	Container Type	Preservation	Analyses
12/20/16	15:15	V17122016 1515	Aqueous	G	1	Plastic - Pint	HNO3 - Nitric Acid	RCRA Metals/Cu/Na/Zn
12/20/16	15:15	V17122016 1515	Aqueous	G	1	Plastic - Pint	ZnAc+NaOH - Zinc Acetate+Sodium Hydroxide	Total & React Sulfide
12/20/16	15:35	V22122016 1535	Aqueous	G	~~1~~ 4	Plastic - Quart	NONE	TCLP Metals/TSS/TS/SS/SO4/pH/Alk/Acid
12/20/16	15:35	V22122016 1535	Aqueous	G	1	Plastic - Pint	NaOH - Sodium Hydroxide	CNA/CNT
12/20/16	15:35	V22122016 1535	Aqueous	G	1	Plastic - Pint	HNO3 - Nitric Acid	RCRA Metals/Cu/Na/Zn
12/20/16	15:35	V22122016 1535	Aqueous	G	1	Plastic - Pint	ZnAc+NaOH - Zinc Acetate+Sodium Hydroxide	Total & React Sulfide

For Laboratory Use Only			Sampled by (Name - Print)		Client Remarks/Comments	
Ice Y/N	Custody Seals Y/N	Lab Comments	Todd Taylor			
			Relinquished by: (SIGNATURE)	Date Time	Received by: (SIGNATURE)	Date Time
			Todd T	12/20/16		
Blank/Cooler Temp			Relinquished by: (SIGNATURE)	Date Time	Received by: (SIGNATURE)	Date Time
8.1°C TIO 8.8°C BS			Relinquished by: (SIGNATURE)	Date Time	Received by: (SIGNATURE)	Date Time
					S. Cook	12/20/16 1830

3/3

Waypoint ANALYTICAL

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

1/13/2017

Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth, GA, 30096

Ref: Analytical Testing
Lab Report Number: 16-356-0209
Client Project Description: Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061
Project Number: 103X902701058

Dear Mr. Todd Taylor:
Waypoint Analytical, Inc. received sample(s) on 12/21/2016 for the analyses presented in the following report.

The above referenced project has been analyzed per your instructions. The analyses were performed in accordance with the applicable analytical method.

The analytical data has been validated using standard quality control measures performed as required by the analytical method. Quality Assurance, method validations, instrumentation maintenance and calibration for all parameters (NELAP and non-NELAP) were performed in accordance with guidelines established by the USEPA (including 40 CFR 136 Method Update Rule May 2012) and NELAC unless otherwise indicated. Any parameter for which the laboratory is not officially NELAP accredited is indicated by a '~' symbol. These are not included in the scope because NELAP accreditation is either not available or has not been applied for. Additional certifications may be held/are available for parameters, where NELAP accreditation is not required or applicable. A full list of certifications is available upon request.

Certain parameters (chlorine, pH, dissolved oxygen, sulfite...) are required to be analyzed within 15 minutes of sampling. Usually, but not always, any field parameter analyzed at the laboratory is outside of this holding time. Refer to sample analysis time for confirmation of holding time compliance.

The results are shown on the attached Report of Analysis(s). Results for solid matrices are reported on an as-received basis unless otherwise indicated. This report shall not be reproduced except in full and relates only to the samples included in this report.

Please do not hesitate to contact me or client services if you have any questions or need additional information.

Sincerely,

Randell H. Thomas

Randy Thomas
Project Manager

Laboratory's liability in any claim relating to analyses performed shall be limited to, at laboratory's option, repeating the analysis in question at laboratory's expense, or the refund of the charges paid for performance of said analysis.

Alabama	#40750	Louisiana	#04015	VA NELAP	#460181	Texas	#T104704180-11-6	Arkansas	#88-0650
Mississippi		California	#2904	NC	#415	Oklahoma	#9311	Virginia	#00106
Kentucky	#90047	Tennessee	#TN02027	EPA	#TN00012	Kentucky UST	#41		

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Non-Compliance Login Summary Report

Incident Date: 12-21-2016 10:12 am
Report number: 16-356-0209 Lab Number(s): L95400, L95402, L95404, L95406, L95408
Customer number: 06379
Customer Name: Tetra Tech EM, Inc.
Contact Name: Tetra Tech EM, Inc.
Project ID: Tetra Tech - Chromcraft

This Non-Compliance Report has been generated because proper EPA protocol was not followed for the above referenced sample(s). This means that the data generated from the analysis of this project may not be suitable for Regulatory compliance.

This report should be included with any data submitted to a Regulatory Agency. The actual problems encountered are listed below.

Description of Login Non-Compliance

☑ **Sample Temperature Non-compliant**
Cooler Temperature: 8.1, 8.8 degrees Celsius
Required Temperature: < 6 degrees Celsius

☐ **Sample Received in Improper Container**
Analysis:
Received Container:
Required Container:

☐ **Sample Improperly Preserved**
Analysis:
Received Preservative:
Required Preservative:

☐ **Sample Received Outside Holding Time** Date Received: 12-21-2016 00:00
Analysis:
Sampled Date and Time:
Required Holding Time:

Other:

Corrective Action

Client Notified: ● Yes ○ No Date Client Notified: 12/21/16 Contact Name: Todd Taylor
Client Directive:

Approval to analyze per Todd Taylor

Initiated By: Danyale Love Project manager: Randall Thomas QAO: Richard Medina

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Sample Summary Table

Report Number: **16-356-0209**

Client Project Description: **Chromcraft**
1 Quality Dr., Senatobia, MS
Project #103902701061

Lab No	Client Sample ID	Matrix	Date Collected	Date Received	Method	Lab ID
95399	V311220161338	Solid	12/20/2016 13:38	12/21/2016	6010C	WTN
95399	V311220161338	Solid	12/20/2016 13:38	12/21/2016	7470A	WTN
95399	V311220161338	Solid	12/20/2016 13:38	12/21/2016	SW-1311	WTN
95400	V311220161338	Aqueous	12/20/2016 13:38	12/21/2016	2310B-2011	WTN
95400	V311220161338	Aqueous	12/20/2016 13:38	12/21/2016	2320B-2011	WTN
95400	V311220161338	Aqueous	12/20/2016 13:38	12/21/2016	2540B-2011	WTN
95400	V311220161338	Aqueous	12/20/2016 13:38	12/21/2016	2540D-2011	WTN
95400	V311220161338	Aqueous	12/20/2016 13:38	12/21/2016	2540F-2011	WTN
95400	V311220161338	Aqueous	12/20/2016 13:38	12/21/2016	4500CNE-2011	WTN
95400	V311220161338	Aqueous	12/20/2016 13:38	12/21/2016	4500CNG-2011	WTN
95400	V311220161338	Aqueous	12/20/2016 13:38	12/21/2016	4500H+B-2011	WTN
95400	V311220161338	Aqueous	12/20/2016 13:38	12/21/2016	4500S2G-2011	WTN
95400	V311220161338	Aqueous	12/20/2016 13:38	12/21/2016	EPA-200.7	WTN
95400	V311220161338	Aqueous	12/20/2016 13:38	12/21/2016	EPA-200.7	WTN
95400	V311220161338	Aqueous	12/20/2016 13:38	12/21/2016	EPA-245.1	WTN
95400	V311220161338	Aqueous	12/20/2016 13:38	12/21/2016	EPA-300.0	WTN
95400	V311220161338	Aqueous	12/20/2016 13:38	12/21/2016	SW-7.3.4	WTN
95401	V131220161400	Solid	12/20/2016 14:00	12/21/2016	6010C	WTN
95401	V131220161400	Solid	12/20/2016 14:00	12/21/2016	7470A	WTN
95401	V131220161400	Solid	12/20/2016 14:00	12/21/2016	SW-1311	WTN
95402	V131220161400	Aqueous	12/20/2016 14:00	12/21/2016	2310B-2011	WTN
95402	V131220161400	Aqueous	12/20/2016 14:00	12/21/2016	2320B-2011	WTN
95402	V131220161400	Aqueous	12/20/2016 14:00	12/21/2016	2540B-2011	WTN
95402	V131220161400	Aqueous	12/20/2016 14:00	12/21/2016	2540D-2011	WTN
95402	V131220161400	Aqueous	12/20/2016 14:00	12/21/2016	2540F-2011	WTN
95402	V131220161400	Aqueous	12/20/2016 14:00	12/21/2016	4500CNE-2011	WTN

WTN: Waypoint Analytical, Inc.

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Sample Summary Table

Report Number: **16-356-0209**

Client Project Description: **Chromcraft**
1 Quality Dr., Senatobia, MS
Project #103902701061

Lab No	Client Sample ID	Matrix	Date Collected	Date Received	Method	Lab ID
95402	V131220161400	Aqueous	12/20/2016 14:00	12/21/2016	4500CNG-2011	WTN
95402	V131220161400	Aqueous	12/20/2016 14:00	12/21/2016	4500H+B-2011	WTN
95402	V131220161400	Aqueous	12/20/2016 14:00	12/21/2016	4500S2G-2011	WTN
95402	V131220161400	Aqueous	12/20/2016 14:00	12/21/2016	EPA-200.7	WTN
95402	V131220161400	Aqueous	12/20/2016 14:00	12/21/2016	EPA-200.7	WTN
95402	V131220161400	Aqueous	12/20/2016 14:00	12/21/2016	EPA-245.1	WTN
95402	V131220161400	Aqueous	12/20/2016 14:00	12/21/2016	EPA-300.0	WTN
95402	V131220161400	Aqueous	12/20/2016 14:00	12/21/2016	SW-7.3.4	WTN
95403	V161220161500	Solid	12/20/2016 15:00	12/21/2016	6010C	WTN
95403	V161220161500	Solid	12/20/2016 15:00	12/21/2016	7470A	WTN
95403	V161220161500	Solid	12/20/2016 15:00	12/21/2016	SW-1311	WTN
95404	V161220161500	Aqueous	12/20/2016 15:00	12/21/2016	2310B-2011	WTN
95404	V161220161500	Aqueous	12/20/2016 15:00	12/21/2016	2320B-2011	WTN
95404	V161220161500	Aqueous	12/20/2016 15:00	12/21/2016	2540B-2011	WTN
95404	V161220161500	Aqueous	12/20/2016 15:00	12/21/2016	2540D-2011	WTN
95404	V161220161500	Aqueous	12/20/2016 15:00	12/21/2016	2540F-2011	WTN
95404	V161220161500	Aqueous	12/20/2016 15:00	12/21/2016	4500CNE-2011	WTN
95404	V161220161500	Aqueous	12/20/2016 15:00	12/21/2016	4500CNG-2011	WTN
95404	V161220161500	Aqueous	12/20/2016 15:00	12/21/2016	4500H+B-2011	WTN
95404	V161220161500	Aqueous	12/20/2016 15:00	12/21/2016	4500S2G-2011	WTN
95404	V161220161500	Aqueous	12/20/2016 15:00	12/21/2016	EPA-200.7	WTN
95404	V161220161500	Aqueous	12/20/2016 15:00	12/21/2016	EPA-200.7	WTN
95404	V161220161500	Aqueous	12/20/2016 15:00	12/21/2016	EPA-245.1	WTN
95404	V161220161500	Aqueous	12/20/2016 15:00	12/21/2016	EPA-300.0	WTN
95404	V161220161500	Aqueous	12/20/2016 15:00	12/21/2016	SW-7.3.4	WTN
95405	V171220161515	Solid	12/20/2016 15:15	12/21/2016	6010C	WTN

WTN: Waypoint Analytical, Inc.

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Sample Summary Table

Report Number: **16-356-0209**

Client Project Description: **Chromcraft**
1 Quality Dr., Senatobia, MS
Project #103902701061

Lab No	Client Sample ID	Matrix	Date Collected	Date Received	Method	Lab ID
95405	V171220161515	Solid	12/20/2016 15:15	12/21/2016	7470A	WTN
95405	V171220161515	Solid	12/20/2016 15:15	12/21/2016	SW-1311	WTN
95406	V171220161515	Aqueous	12/20/2016 15:15	12/21/2016	2310B-2011	WTN
95406	V171220161515	Aqueous	12/20/2016 15:15	12/21/2016	2320B-2011	WTN
95406	V171220161515	Aqueous	12/20/2016 15:15	12/21/2016	2540B-2011	WTN
95406	V171220161515	Aqueous	12/20/2016 15:15	12/21/2016	2540D-2011	WTN
95406	V171220161515	Aqueous	12/20/2016 15:15	12/21/2016	2540F-2011	WTN
95406	V171220161515	Aqueous	12/20/2016 15:15	12/21/2016	4500CNE-2011	WTN
95406	V171220161515	Aqueous	12/20/2016 15:15	12/21/2016	4500CNG-2011	WTN
95406	V171220161515	Aqueous	12/20/2016 15:15	12/21/2016	4500H+B-2011	WTN
95406	V171220161515	Aqueous	12/20/2016 15:15	12/21/2016	4500S2G-2011	WTN
95406	V171220161515	Aqueous	12/20/2016 15:15	12/21/2016	EPA-200.7	WTN
95406	V171220161515	Aqueous	12/20/2016 15:15	12/21/2016	EPA-200.7	WTN
95406	V171220161515	Aqueous	12/20/2016 15:15	12/21/2016	EPA-245.1	WTN
95406	V171220161515	Aqueous	12/20/2016 15:15	12/21/2016	EPA-300.0	WTN
95406	V171220161515	Aqueous	12/20/2016 15:15	12/21/2016	SW-7.3.4	WTN
95407	V221220161535	Solid	12/20/2016 15:35	12/21/2016	6010C	WTN
95407	V221220161535	Solid	12/20/2016 15:35	12/21/2016	7470A	WTN
95407	V221220161535	Solid	12/20/2016 15:35	12/21/2016	SW-1311	WTN
95408	V221220161535	Aqueous	12/20/2016 15:35	12/21/2016	2310B-2011	WTN
95408	V221220161535	Aqueous	12/20/2016 15:35	12/21/2016	2320B-2011	WTN
95408	V221220161535	Aqueous	12/20/2016 15:35	12/21/2016	2540B-2011	WTN
95408	V221220161535	Aqueous	12/20/2016 15:35	12/21/2016	2540D-2011	WTN
95408	V221220161535	Aqueous	12/20/2016 15:35	12/21/2016	2540F-2011	WTN
95408	V221220161535	Aqueous	12/20/2016 15:35	12/21/2016	4500CNE-2011	WTN
95408	V221220161535	Aqueous	12/20/2016 15:35	12/21/2016	4500CNG-2011	WTN

WTN: Waypoint Analytical, Inc.

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Sample Summary Table

Report Number: **16-356-0209**

Client Project Description: **Chromcraft**
1 Quality Dr., Senatobia, MS
Project #103902701061

Lab No	Client Sample ID	Matrix	Date Collected	Date Received	Method	Lab ID
95408	V221220161535	Aqueous	12/20/2016 15:35	12/21/2016	4500H+B-2011	WTN
95408	V221220161535	Aqueous	12/20/2016 15:35	12/21/2016	4500S2G-2011	WTN
95408	V221220161535	Aqueous	12/20/2016 15:35	12/21/2016	EPA-200.7	WTN
95408	V221220161535	Aqueous	12/20/2016 15:35	12/21/2016	EPA-200.7	WTN
95408	V221220161535	Aqueous	12/20/2016 15:35	12/21/2016	EPA-245.1	WTN
95408	V221220161535	Aqueous	12/20/2016 15:35	12/21/2016	EPA-300.0	WTN
95408	V221220161535	Aqueous	12/20/2016 15:35	12/21/2016	SW-7.3.4	WTN

WTN: Waypoint Analytical, Inc.

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 01/13/2017
Received : 12/21/2016

Randell H. Thomas
Randy Thomas
Project Manager

Report Number : **16-356-0209**

REPORT OF ANALYSIS

Lab No : **95399**
Sample ID : **V311220161338**

Matrix: **Solid**
Sampled: **12/20/2016 13:38**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
TCLP Metals Extraction	**Filtrate**			1	01/03/17 14:07	SAJ	SW-1311

Analytical Method: 6010C **Prep Batch(es):** **L316754** 01/04/17 08:25
Prep Method: 3005A

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Arsenic	**15.3**	mg/L	12.5	100	01/13/17 12:41	CCR	L317919
TCLP Barium	<12.5	mg/L	12.5	100	01/12/17 23:05	JTR	L317836
TCLP Cadmium	<2.50	mg/L	2.50	100	01/12/17 23:05	JTR	L317836
TCLP Chromium	**149000**	mg/L	50.0	1000	01/13/17 12:51	CCR	L317919
TCLP Lead	**42.7**	mg/L	5.00	100	01/13/17 12:41	CCR	L317919
TCLP Selenium	<25.0	mg/L	25.0	100	01/12/17 23:05	JTR	L317836
TCLP Silver	<2.50	mg/L	2.50	100	01/12/17 23:05	JTR	L317836

Analytical Method: 7470A **Prep Batch(es):** **L316757** 01/04/17 08:45
Prep Method: 7470A

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Mercury	**0.296**	mg/L	0.200	10	01/04/17 12:02	KKM	L316838

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 01/13/2017
Received : 12/21/2016

Randell H. Thomas
Randy Thomas
Project Manager

Report Number : **16-356-0209**

REPORT OF ANALYSIS

Lab No : **95400**
Sample ID : **V311220161338**

Matrix: **Aqueous**
Sampled: **12/20/2016 13:38**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Acidity (as CaCO3)	**325000**	mg/L	100	1	12/30/16 10:44	DB2	2310B-2011
Alkalinity (as CaCO3)	<100	mg/L	100	1	01/03/17 10:29	DB2	2320B-2011
Cyanide, Amenable	**12.4**	mg/L	10.0	1000	01/02/17 12:07	EWB	4500CNG-2011
Cyanide, Total	**15.5**	mg/L	10.0	1000	12/31/16 12:30	EWB	4500CNE-2011
pH	**0.6**	s.u.		1	12/21/16 14:25	WRO	4500H+B-2011
Total Settleable Solids	<0.1	mL/L	0.1	1	12/21/16 11:26	EWB	2540F-2011
Total Solids	**336000**	mg/L	47	1	12/23/16 13:25	GHD	2540B-2011
Total Suspended Solids	**24**	mg/L	2	1	12/21/16 13:10	KGL	2540D-2011
Sulfide	<25.0	mg/L	25.0	25	12/23/16 11:04	GHD	4500S2G-2011
Total Arsenic	**16.2**	mg/L	5.00	100	01/13/17 13:38	CCR	EPA-200.7
Total Barium	**7.95**	mg/L	5.00	100	01/12/17 22:05	JTR	EPA-200.7
Total Cadmium	<1.00	mg/L	1.00	100	01/12/17 22:05	JTR	EPA-200.7
Total Chromium	**152000**	mg/L	25.0	1000	01/13/17 13:47	CCR	EPA-200.7
Total Copper	**1400**	mg/L	2.50	100	01/12/17 22:05	JTR	EPA-200.7
Total Lead	**42.3**	mg/L	3.00	100	01/13/17 13:38	CCR	EPA-200.7
Mercury (Total)	**0.605**	mg/L	0.100	500	12/23/16 15:50	KKM	EPA-245.1
Total Selenium	<5.00	mg/L	5.00	100	01/12/17 22:05	JTR	EPA-200.7
Total Silver	<2.50	mg/L	2.50	100	01/12/17 22:05	JTR	EPA-200.7
Total Sodium	**2020**	mg/L	250	100	01/12/17 22:05	JTR	EPA-200.7
Total Zinc	<5.00	mg/L	5.00	100	01/12/17 22:05	JTR	EPA-200.7
Sulfate	**3780**	mg/L	100	100	12/28/16 10:46	BKN	EPA-300.0
Sulfide (Reactivity)	<25.0	mg/L	25.0	1	12/23/16 11:04	GHD	SW-7.3.4

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 01/13/2017
Received : 12/21/2016

Randell H. Thomas
Randy Thomas
Project Manager

Report Number : **16-356-0209**

REPORT OF ANALYSIS

Lab No : **95401**
Sample ID : **V131220161400**

Matrix: **Solid**
Sampled: **12/20/2016 14:00**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
TCLP Metals Extraction	**Filtrate**			1	01/03/17 14:07	SAJ	SW-1311

Analytical Method: 6010C **Prep Batch(es):** **L316754** 01/04/17 08:25
Prep Method: 3005A

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Arsenic	<12.5	mg/L	12.5	100	01/12/17 23:10	JTR	L317836
TCLP Barium	<12.5	mg/L	12.5	100	01/12/17 23:10	JTR	L317836
TCLP Cadmium	<2.50	mg/L	2.50	100	01/12/17 23:10	JTR	L317836
TCLP Chromium	**113**	mg/L	5.00	100	01/13/17 12:32	CCR	L317919
TCLP Lead	<5.00	mg/L	5.00	100	01/13/17 12:32	CCR	L317919
TCLP Selenium	<25.0	mg/L	25.0	100	01/12/17 23:10	JTR	L317836
TCLP Silver	<2.50	mg/L	2.50	100	01/12/17 23:10	JTR	L317836

Analytical Method: 7470A **Prep Batch(es):** **L316757** 01/04/17 08:45
Prep Method: 7470A

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Mercury	<0.0200	mg/L	0.0200	1	01/04/17 12:04	KKM	L316838

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 01/13/2017
Received : 12/21/2016

Randy Thomas
Project Manager

Report Number : **16-356-0209**

REPORT OF ANALYSIS

Lab No : **95402**
Sample ID : **V131220161400**

Matrix: **Aqueous**
Sampled: **12/20/2016 14:00**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Acidity (as CaCO3)	**140000**	mg/L	100	1	12/30/16 10:44	DB2	2310B-2011
Alkalinity (as CaCO3)	<100	mg/L	100	1	01/03/17 10:29	DB2	2320B-2011
Cyanide, Amenable	<10.0	mg/L	10.0	1000	01/02/17 12:07	EWB	4500CNG-2011
Cyanide, Total	<10.0	mg/L	10.0	1000	12/31/16 12:30	EWB	4500CNE-2011
pH	**0.6**	s.u.		1	12/21/16 14:25	WRO	4500H+B-2011
Total Settleable Solids	**38.7**	mL/L	0.1	1	12/21/16 11:26	EWB	2540F-2011
Total Solids	**309000**	mg/L	38	1	12/23/16 13:25	GHD	2540B-2011
Total Suspended Solids	**41**	mg/L	2	1	12/21/16 13:10	KGL	2540D-2011
Sulfide	<25.0	mg/L	25.0	25	12/23/16 11:04	GHD	4500S2G-2011
Total Arsenic	<5.00	mg/L	5.00	100	01/12/17 22:10	JTR	EPA-200.7
Total Barium	<5.00	mg/L	5.00	100	01/12/17 22:10	JTR	EPA-200.7
Total Cadmium	<1.00	mg/L	1.00	100	01/12/17 22:10	JTR	EPA-200.7
Total Chromium	**85.3**	mg/L	2.50	100	01/13/17 13:28	CCR	EPA-200.7
Total Copper	**43.7**	mg/L	2.50	100	01/12/17 22:10	JTR	EPA-200.7
Total Lead	<3.00	mg/L	3.00	100	01/13/17 13:28	CCR	EPA-200.7
Mercury (Total)	<0.00020	mg/L	0.00020	1	12/23/16 15:38	KKM	EPA-245.1
Total Selenium	<5.00	mg/L	5.00	100	01/12/17 22:10	JTR	EPA-200.7
Total Silver	<2.50	mg/L	2.50	100	01/12/17 22:10	JTR	EPA-200.7
Total Sodium	**52700**	mg/L	250	100	01/12/17 22:10	JTR	EPA-200.7
Total Zinc	<5.00	mg/L	5.00	100	01/12/17 22:10	JTR	EPA-200.7
Sulfate	**293000**	mg/L	10000	10000	12/29/16 14:11	BKN	EPA-300.0
Sulfide (Reactivity)	<25.0	mg/L	25.0	1	12/23/16 11:04	GHD	SW-7.3.4

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 01/13/2017
Received : 12/21/2016

Randy Thomas
Project Manager

Report Number : **16-356-0209**

REPORT OF ANALYSIS

Lab No : **95403**
Sample ID : **V161220161500**

Matrix: **Solid**
Sampled: **12/20/2016 15:00**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
TCLP Metals Extraction	**Filtrate**			1	01/03/17 14:07	SAJ	SW-1311

Analytical Method: 6010C **Prep Batch(es):** **L316754** 01/04/17 08:25
Prep Method: 3005A

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Arsenic	<12.5	mg/L	12.5	100	01/11/17 00:54	JTR	L317712
TCLP Barium	<12.5	mg/L	12.5	100	01/11/17 00:54	JTR	L317712
TCLP Cadmium	<2.50	mg/L	2.50	100	01/11/17 00:54	JTR	L317712
TCLP Chromium	<5.00	mg/L	5.00	100	01/11/17 00:54	JTR	L317712
TCLP Lead	<5.00	mg/L	5.00	100	01/11/17 00:54	JTR	L317712
TCLP Selenium	<25.0	mg/L	25.0	100	01/11/17 00:54	JTR	L317712
TCLP Silver	<2.50	mg/L	2.50	100	01/11/17 00:54	JTR	L317712

Analytical Method: 7470A **Prep Batch(es):** **L316757** 01/04/17 08:45
Prep Method: 7470A

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Mercury	<0.0200	mg/L	0.0200	1	01/04/17 12:05	KKM	L316838

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 01/13/2017
Received : 12/21/2016

Randell H. Thomas
Randy Thomas
Project Manager

Report Number : **16-356-0209**

REPORT OF ANALYSIS

Lab No : **95404**
Sample ID : **V161220161500**

Matrix: **Aqueous**
Sampled: **12/20/2016 15:00**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Acidity (as CaCO3)	**22000**	mg/L	100	1	12/30/16 10:44	DB2	2310B-2011
Alkalinity (as CaCO3)	<100	mg/L	100	1	01/03/17 10:29	DB2	2320B-2011
Cyanide, Amenable	<10.0	mg/L	10.0	1000	01/02/17 12:07	EWB	4500CNG-2011
Cyanide, Total	<10.0	mg/L	10.0	1000	12/31/16 12:30	EWB	4500CNE-2011
pH	**3.1**	s.u.		1	12/21/16 14:25	WRO	4500H+B-2011
Total Settleable Solids	<0.1	mL/L	0.1	1	12/21/16 11:26	EWB	2540F-2011
Total Solids	**133000**	mg/L	40	1	12/23/16 13:25	GHD	2540B-2011
Total Suspended Solids	**28**	mg/L	2	1	12/21/16 13:10	KGL	2540D-2011
Sulfide	<25.0	mg/L	25.0	25	12/23/16 11:04	GHD	4500S2G-2011
Total Arsenic	<5.00	mg/L	5.00	100	01/11/17 00:58	JTR	EPA-200.7
Total Barium	<5.00	mg/L	5.00	100	01/11/17 00:58	JTR	EPA-200.7
Total Cadmium	<1.00	mg/L	1.00	100	01/12/17 22:15	JTR	EPA-200.7
Total Chromium	<2.50	mg/L	2.50	100	01/11/17 00:58	JTR	EPA-200.7
Total Copper	<2.50	mg/L	2.50	100	01/12/17 22:15	JTR	EPA-200.7
Total Lead	<3.00	mg/L	3.00	100	01/11/17 00:58	JTR	EPA-200.7
Mercury (Total)	<0.00200	mg/L	0.00200	10	12/23/16 14:00	KKM	EPA-245.1
Total Selenium	<5.00	mg/L	5.00	100	01/11/17 00:58	JTR	EPA-200.7
Total Silver	<2.50	mg/L	2.50	100	01/11/17 00:58	JTR	EPA-200.7
Total Sodium	**14300**	mg/L	250	100	01/11/17 00:58	JTR	EPA-200.7
Total Zinc	<5.00	mg/L	5.00	100	01/11/17 00:58	JTR	EPA-200.7
Sulfate	**59300**	mg/L	1000	1000	12/28/16 20:30	BKN	EPA-300.0
Sulfide (Reactivity)	<25.0	mg/L	25.0	1	12/23/16 11:04	GHD	SW-7.3.4

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 01/13/2017
Received : 12/21/2016

Randell H. Thomas
Randy Thomas
Project Manager

Report Number : **16-356-0209**

REPORT OF ANALYSIS

Lab No : **95405**
Sample ID : **V171220161515**

Matrix: **Solid**
Sampled: **12/20/2016 15:15**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
TCLP Metals Extraction	**Filtrate**			1	01/03/17 14:07	SAJ	SW-1311

Analytical Method: 6010C **Prep Batch(es):** **L316754** 01/04/17 08:25
Prep Method: 3005A

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Arsenic	<12.5	mg/L	12.5	100	01/13/17 12:37	CCR	L317919
TCLP Barium	<12.5	mg/L	12.5	100	01/13/17 12:37	CCR	L317919
TCLP Cadmium	**14.3**	mg/L	2.50	100	01/13/17 12:37	CCR	L317919
TCLP Chromium	<5.00	mg/L	5.00	100	01/13/17 12:37	CCR	L317919
TCLP Lead	<5.00	mg/L	5.00	100	01/13/17 12:37	CCR	L317919
TCLP Selenium	<25.0	mg/L	25.0	100	01/13/17 12:37	CCR	L317919
TCLP Silver	<2.50	mg/L	2.50	100	01/13/17 12:37	CCR	L317919

Analytical Method: 7470A **Prep Batch(es):** **L316757** 01/04/17 08:45
Prep Method: 7470A

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Mercury	<0.0200	mg/L	0.0200	1	01/04/17 12:10	KKM	L316838

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 01/13/2017
Received : 12/21/2016

Randy Thomas
Project Manager

Report Number : **16-356-0209**

REPORT OF ANALYSIS

Lab No : **95406**
Sample ID : **V171220161515**

Matrix: **Aqueous**
Sampled: **12/20/2016 15:15**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Acidity (as CaCO3)	**52000**	mg/L	100	1	12/30/16 10:44	DB2	2310B-2011
Alkalinity (as CaCO3)	**700**	mg/L	100	1	01/03/17 10:29	DB2	2320B-2011
Cyanide, Amenable	<10.0	mg/L	10.0	1000	01/02/17 12:07	EWB	4500CNG-2011
Cyanide, Total	<10.0	mg/L	10.0	1000	12/31/16 12:30	EWB	4500CNE-2011
pH	**4.5**	s.u.		1	12/21/16 14:25	WRO	4500H+B-2011
Total Settleable Solids	**1.4**	mL/L	0.1	1	12/21/16 11:26	EWB	2540F-2011
Total Solids	**447000**	mg/L	45	1	12/23/16 13:25	GHD	2540B-2011
Total Suspended Solids	**141**	mg/L	2	1	12/21/16 13:10	KGL	2540D-2011
Sulfide	<25.0	mg/L	25.0	25	12/23/16 11:04	GHD	4500S2G-2011
Total Arsenic	**5.15**	mg/L	5.00	100	01/13/17 13:33	CCR	EPA-200.7
Total Barium	<5.00	mg/L	5.00	100	01/13/17 13:33	CCR	EPA-200.7
Total Cadmium	**15.1**	mg/L	1.00	100	01/13/17 13:33	CCR	EPA-200.7
Total Chromium	<2.50	mg/L	2.50	100	01/13/17 13:33	CCR	EPA-200.7
Total Copper	**208**	mg/L	2.50	100	01/13/17 13:33	CCR	EPA-200.7
Total Lead	<3.00	mg/L	3.00	100	01/13/17 13:33	CCR	EPA-200.7
Mercury (Total)	<0.00200	mg/L	0.00200	10	12/23/16 14:02	KKM	EPA-245.1
Total Selenium	<5.00	mg/L	5.00	100	01/13/17 13:33	CCR	EPA-200.7
Total Silver	<2.50	mg/L	2.50	100	01/13/17 13:33	CCR	EPA-200.7
Total Sodium	**28000**	mg/L	250	100	01/13/17 13:33	CCR	EPA-200.7
Total Zinc	<5.00	mg/L	5.00	100	01/13/17 13:33	CCR	EPA-200.7
Sulfate	**146000**	mg/L	10000	10000	12/29/16 14:31	BKN	EPA-300.0
Sulfide (Reactivity)	<25.0	mg/L	25.0	1	12/23/16 11:04	GHD	SW-7.3.4

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 01/13/2017
Received : 12/21/2016

Randy Thomas
Project Manager

Report Number : **16-356-0209**

REPORT OF ANALYSIS

Lab No : **95407**
Sample ID : **V221220161535**

Matrix: **Solid**
Sampled: **12/20/2016 15:35**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
TCLP Metals Extraction	**Filtrate**			1	01/03/17 14:07	SAJ	SW-1311

Analytical Method: 6010C **Prep Batch(es):** **L316957** 01/05/17 09:55
Prep Method: 3005A

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Arsenic	<125	mg/L	125	100	01/13/17 15:46	JTR	L317944
TCLP Barium	<125	mg/L	125	100	01/13/17 15:46	JTR	L317944
TCLP Cadmium	<25.0	mg/L	25.0	100	01/13/17 15:46	JTR	L317944
TCLP Chromium	<50.0	mg/L	50.0	100	01/13/17 15:46	JTR	L317944
TCLP Lead	<50.0	mg/L	50.0	100	01/13/17 15:46	JTR	L317944
TCLP Selenium	<250	mg/L	250	100	01/13/17 15:46	JTR	L317944
TCLP Silver	<25.0	mg/L	25.0	100	01/13/17 15:46	JTR	L317944

Analytical Method: 7470A **Prep Batch(es):** **L316757** 01/04/17 08:45
Prep Method: 7470A

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Mercury	<0.0200	mg/L	0.0200	1	01/04/17 12:11	KKM	L316838

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 01/13/2017
Received : 12/21/2016

Randell H. Thomas

Randy Thomas
Project Manager

Report Number : **16-356-0209**

REPORT OF ANALYSIS

Lab No : **95408**
Sample ID : **V221220161535**

Matrix: **Aqueous**
Sampled: **12/20/2016 15:35**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Acidity (as CaCO3)	<100	mg/L	100	1	12/30/16 10:44	DB2	2310B-2011
Alkalinity (as CaCO3)	**106000**	mg/L	100	1	01/03/17 10:29	DB2	2320B-2011
Cyanide, Amenable	**180000**	mg/L	250	25000	01/02/17 12:07	EWB	4500CNG-2011
Cyanide, Total	**182000**	mg/L	5000	500000	12/31/16 12:30	EWB	4500CNE-2011
pH	**9.6**	s.u.		1	12/21/16 14:25	WRO	4500H+B-2011
Total Settleable Solids	**13.1**	mL/L	0.1	1	12/21/16 11:26	EWB	2540F-2011
Total Solids	**364000**	mg/L	31	1	12/23/16 13:25	GHD	2540B-2011
Total Suspended Solids	**589**	mg/L	2	1	12/21/16 13:30	KGL	2540D-2011
Sulfide	<25.0	mg/L	25.0	25	12/23/16 11:04	GHD	4500S2G-2011
Total Arsenic	<50.0	mg/L	50.0	100	01/12/17 22:24	JTR	EPA-200.7
Total Barium	<50.0	mg/L	50.0	100	01/12/17 22:24	JTR	EPA-200.7
Total Cadmium	<10.0	mg/L	10.0	100	01/12/17 22:24	JTR	EPA-200.7
Total Chromium	**34.5**	mg/L	25.0	100	01/12/17 22:24	JTR	EPA-200.7
Total Copper	**59100**	mg/L	25.0	100	01/12/17 22:24	JTR	EPA-200.7
Total Lead	<30.0	mg/L	30.0	100	01/13/17 13:57	CCR	EPA-200.7
Mercury (Total)	**0.0110**	mg/L	0.0100	1	12/23/16 14:04	KKM	EPA-245.1
Total Selenium	<50.0	mg/L	50.0	100	01/12/17 22:24	JTR	EPA-200.7
Total Silver	<25.0	mg/L	25.0	100	01/12/17 22:24	JTR	EPA-200.7
Total Sodium	**82600**	mg/L	2500	100	01/12/17 22:24	JTR	EPA-200.7
Total Zinc	**2680**	mg/L	50.0	100	01/12/17 22:24	JTR	EPA-200.7
Sulfate	**5060**	mg/L	100	100	12/28/16 11:56	BKN	EPA-300.0
Sulfide (Reactivity)	<25.0	mg/L	25.0	1	12/23/16 11:04	GHD	SW-7.3.4

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: Tetra Tech EM, Inc.
Project Description: Chromcraft
Report No: 16-356-0209

QC Prep Batch: L316081
QC Prep Batch Method: EPA-200.7 (PREP)
Analysis Method: EPA-200.7
Analysis Description: Total Metals

Lab Reagent Blank LRB-L316081 Matrix: AQU

Associated Lab Samples: 95400, 95402, 95404, 95406, 95408

Parameter	Units	Blank Result	MQL	Analyzed
Total Arsenic	mg/L	< 0.010	0.010	01/12/17 22:01
Total Barium	mg/L	< 0.010	0.010	01/12/17 22:01
Total Cadmium	mg/L	< 0.0020	0.0020	01/12/17 22:01
Total Chromium	mg/L	< 0.005	0.005	01/12/17 22:01
Total Copper	mg/L	< 0.005	0.005	01/12/17 22:01
Total Lead	mg/L	< 0.006	0.006	12/29/16 01:10
Total Selenium	mg/L	< 0.010	0.010	01/12/17 22:01
Total Silver	mg/L	< 0.005	0.005	01/12/17 22:01
Total Sodium	mg/L	< 0.500	0.500	01/12/17 22:01
Total Zinc	mg/L	< 0.010	0.010	01/12/17 22:01

Laboratory Control Sample LCS-L316081

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
Total Arsenic	mg/L	0.100	0.098	98.0	85-115
Total Barium	mg/L	1.00	0.936	93.6	85-115
Total Cadmium	mg/L	0.100	0.0968	96.8	85-115
Total Chromium	mg/L	1.00	1.05	105	85-115
Total Copper	mg/L	1.00	0.917	91.7	85-115
Total Lead	mg/L	0.100	0.095	95.0	85-115
Total Selenium	mg/L	0.100	0.093	93.0	85-115
Total Silver	mg/L	0.100	0.099	99.0	85-115
Total Sodium	mg/L	10.0	9.76	97.6	85-115
Total Zinc	mg/L	1.00	0.962	96.2	85-115

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: Tetra Tech EM, Inc.
Project Description: Chromcraft
Report No: 16-356-0209

QC Prep Batch: L316081
QC Prep Batch Method: EPA-200.7 (PREP)
Analysis Method: EPA-200.7
Analysis Description: Total Metals

Matrix Spike & Matrix Spike Duplicate L 95431-MS-L316081 L 95431-MSD-L316081

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
Total Arsenic	mg/L	< 50.0	0.500	0.500	27.6	27.6	0.0*	0.0*	70-130	0.0	20.0
Total Barium	mg/L	< 0.500	5.00	5.00	5.38	5.39	108	108	70-130	0.1	20.0
Total Cadmium	mg/L	0.135	0.500	0.500	0.730	0.720	119	117	70-130	1.3	20.0
Total Chromium	mg/L	19600	5.00	5.00	20600	20200	20000*	12000*	70-130	1.9	20.0
Total Copper	mg/L	237	5.00	5.00	261	254	480*	340*	70-130	2.7	20.0
Total Lead	mg/L	< 3.00	0.500	0.500	1.97	1.97	0.0*	0.0*	70-130	0.0	20.0
Total Selenium	mg/L	< 0.500	0.500	0.500	0.318	0.318	0.0*	0.0*	70-130	0.0	20.0
Total Silver	mg/L	< 0.250	0.500	0.500	0.575	0.575	115	115	70-130	0.0	20.0
Total Sodium	mg/L	2720	50.0	50.0	2920	2840	400*	240*	70-130	2.7	20.0
Total Zinc	mg/L	8.55	5.00	5.00	12.7	12.6	83.0	81.0	70-130	0.7	20.0

Post Digestion Spike L 95431-PDS-L316081

Parameter	Units	PDS Result	% Recovery	Analyzed
Total Arsenic	mg/L	1.20	96.0	01/03/17 23:40
Total Barium	mg/L	13.2	105	12/30/16 03:16
Total Cadmium	mg/L	1.32	105	12/30/16 03:16
Total Chromium	mg/L	108	97.5	12/30/16 04:52
Total Copper	mg/L	24.0	98.5	12/30/16 03:16
Total Lead	mg/L	1.25	100	12/30/16 03:16
Total Selenium	mg/L	1.26	101	12/30/16 03:16
Total Silver	mg/L	1.28	102	12/30/16 03:16
Total Sodium	mg/L	256	98.0	12/30/16 03:16
Total Zinc	mg/L	12.1	96.5	12/30/16 04:52

* QC Fail

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: **Tetra Tech EM, Inc.**
Project Description: **Chromcraft**
Report No: **16-356-0209**

QC Prep Batch: L315965 **Analysis Method:** EPA-245.1
QC Prep Batch Method: EPA-245.1 (PREP) **Analysis Description:** Mercury

Lab Reagent Blank LRB-L315965 Matrix: AQU

Associated Lab Samples: 95400, 95402, 95404, 95406, 95408

Parameter	Units	Blank Result	MQL	Analyzed
Mercury (Total)	mg/L	< 0.00020	0.00020	12/23/16 13:19

Laboratory Control Sample LCS-L315965

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
Mercury (Total)	mg/L	0.00400	0.00416	104	85-115

Matrix Spike & Matrix Spike Duplicate L 95938-MS-L315965 L 95938-MSD-L315965

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
Mercury (Total)	mg/L	< 0.00020	0.00400	0.00400	0.00403	0.00403	101	101	70-130	0.0	20.0

Post Digestion Spike L 95938-PDS-L315965

Parameter	Units	PDS Result	% Recovery	Analyzed
Mercury (Total)	mg/L	0.00504	101	12/23/16 14:19

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: **Tetra Tech EM, Inc.**
Project Description: **Chromcraft**
Report No: **16-356-0209**

QC Prep Batch: L316321
QC Prep Batch Method: EPA-300.0 (PREP)
Analysis Method: EPA-300.0
Analysis Description: Anions by Ion Chromatography

Lab Reagent Blank LRB-L316321 Matrix: AQU

Associated Lab Samples: 95400, 95402, 95404, 95406, 95408

Parameter	Units	Blank Result	MQL	Analyzed
Sulfate	mg/L	< 1.00	1.00	12/28/16 08:55

Laboratory Control Sample LCS-L316321

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
Sulfate	mg/L	69.4	69.0	99.3	90-110

Matrix Spike & Matrix Spike Duplicate L 96588-MS-L316321 L 96588-MSD-L316321

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
Sulfate	mg/L	2.21	69.4	69.4	72.6	72.8	101	102	80-120	0.2	20.0

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: **Tetra Tech EM, Inc.**
Project Description: **Chromcraft**
Report No: **16-356-0209**

QC Prep Batch: L316484
QC Prep Batch Method: SM-2310B
Analysis Method: 2310B-2011
Analysis Description: Acidity

Duplicate L 95415-DUP

Parameter	Units	Result	DUP Result	RPD	Max RPD	Analyzed
Acidity (as CaCO3)	mg/L	< 100	< 100	0.0	15	12/30/16 10:44

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: **Tetra Tech EM, Inc.**
Project Description: **Chromcraft**
Report No: **16-356-0209**

QC Prep Batch: L316628
QC Prep Batch Method: SM-2320 B
Analysis Method: 2320B-2011
Analysis Description: Alkalinity

Duplicate L 95406-DUP

Parameter	Units	Result	DUP Result	RPD	Max RPD	Analyzed
Alkalinity (as CaCO3)	mg/L	700	700	0.0	10	01/03/17 10:29

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: **Tetra Tech EM, Inc.**
Project Description: **Chromcraft**
Report No: **16-356-0209**

QC Prep Batch: L316019
QC Prep Batch Method: SM-2540B
Analysis Method: 2540B-2011
Analysis Description: Total Solids

Lab Reagent Blank LRB Matrix: AQU

Associated Lab Samples: 95400, 95402, 95404, 95406, 95408

Parameter	Units	Blank Result	MQL	Analyzed
Total Solids	mg/L	< 10	10	12/23/16 13:25

Laboratory Control Sample LCS

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
Total Solids	mg/L	250	259	104	90-110

Duplicate L 95408-DUP

Parameter	Units	Result	DUP Result	RPD	Max RPD	Analyzed
Total Solids	mg/L	364000	412000	12.3*	10	12/23/16 13:25

* QC Fail

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: Tetra Tech EM, Inc.
Project Description: Chromcraft
Report No: 16-356-0209

QC Prep Batch: L315668 **Analysis Method:** 2540D-2011
QC Prep Batch Method: SM-2540D **Analysis Description:** Total Suspended Solids

Lab Reagent Blank LRB Matrix: AQU

Associated Lab Samples: 95400, 95402, 95404, 95406

Parameter	Units	Blank Result	MQL	Analyzed
Total Suspended Solids	mg/L	< 2	2	12/21/16 13:10

Duplicate L 95365-DUP

Parameter	Units	Result	DUP Result	RPD	Max RPD	Analyzed
Total Suspended Solids	mg/L	6	4	40.0*	10	12/21/16 13:10

QC Prep Batch: L315669 **Analysis Method:** 2540D-2011
QC Prep Batch Method: SM-2540D **Analysis Description:** Total Suspended Solids

Lab Reagent Blank LRB Matrix: AQU

Associated Lab Samples: 95408

Parameter	Units	Blank Result	MQL	Analyzed
Total Suspended Solids	mg/L	< 2	2	12/21/16 13:30

Duplicate L 95411-DUP

Parameter	Units	Result	DUP Result	RPD	Max RPD	Analyzed
Total Suspended Solids	mg/L	12	8	40.0*	10	12/21/16 13:30

* QC Fail

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: **Tetra Tech EM, Inc.**
Project Description: **Chromcraft**
Report No: **16-356-0209**

QC Prep Batch: L316535
QC Prep Batch Method: SM-4500CNE
Analysis Method: 4500CNE-2011
Analysis Description: Total Cyanide

Lab Reagent Blank LRB Matrix: AQU

Associated Lab Samples: 95400, 95402, 95404, 95406, 95408

Parameter	Units	Blank Result	MQL	Analyzed
Cyanide, Total	mg/L	< 0.005	0.005	12/31/16 12:30

Laboratory Control Sample LCS

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
Cyanide, Total	mg/L	0.200	0.190	95.0	90-110

Duplicate L 95811-DUP

Parameter	Units	Result	DUP Result	RPD	Max RPD	Analyzed
Cyanide, Total	mg/L	0.225	0.213	5.4	20.0	12/31/16 12:30

Matrix Spike L 95811-MS

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	%Rec Limits	RPD	Max RPD
Cyanide, Total	mg/L	0.225	0.200		0.389		82.0	70-130		

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: Tetra Tech EM, Inc.
Project Description: Chromcraft
Report No: 16-356-0209

QC Prep Batch: L316006
QC Prep Batch Method: SM-4500S2G
Analysis Method: 4500S2G-2011
Analysis Description: Sulfide by ISE

Lab Reagent Blank LRB Matrix: AQU

Associated Lab Samples: 95400, 95402, 95404, 95406, 95408

Parameter	Units	Blank Result	MQL	Analyzed
Sulfide	mg/L	< 1.00	1.00	12/23/16 11:04

Laboratory Control Sample LCS

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
Sulfide	mg/L	5.01	4.58	91.4	80-120

Duplicate G 88977-DUP

Parameter	Units	Result	DUP Result	RPD	Max RPD	Analyzed
Sulfide	mg/L	< 1.00	< 1.00	0.0	20.0	12/23/16 11:04

Matrix Spike G 88977-MS

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	%Rec Limits	RPD	Max RPD
Sulfide	mg/L	< 1.02	2.04		1.98		97.0	70-130		

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: Tetra Tech EM, Inc.
Project Description: Chromcraft
Report No: 16-356-0209

QC Prep Batch: L316754
QC Prep Batch Method: 3005A
Analysis Method: 6010C
Analysis Description: Metals Analysis (TCLP)

Lab Reagent Blank LRB-L316754 Matrix: TCL

Associated Lab Samples: 95399, 95401, 95403, 95405

Parameter	Units	Blank Result	MQL	Analyzed
TCLP Arsenic	mg/L	< 0.025	0.025	01/12/17 23:00
TCLP Barium	mg/L	< 0.025	0.025	01/12/17 23:00
TCLP Cadmium	mg/L	< 0.005	0.005	01/12/17 23:00
TCLP Chromium	mg/L	< 0.010	0.010	01/13/17 14:29
TCLP Lead	mg/L	< 0.010	0.010	01/13/17 14:29
TCLP Selenium	mg/L	< 0.050	0.050	01/12/17 23:00
TCLP Silver	mg/L	< 0.005	0.005	01/12/17 23:00

Laboratory Control Sample LCS-L316754

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
TCLP Arsenic	mg/L	0.100	0.099	99.0	80-120
TCLP Barium	mg/L	1.00	0.956	95.6	80-120
TCLP Cadmium	mg/L	0.100	0.098	98.0	80-120
TCLP Chromium	mg/L	1.00	1.05	105	80-120
TCLP Lead	mg/L	0.100	0.104	104	80-120
TCLP Selenium	mg/L	0.100	0.094	94.0	80-120
TCLP Silver	mg/L	0.100	0.098	98.0	80-120

Matrix Spike & Matrix Spike Duplicate L 96956-MS-L316754 L 96956-MSD-L316754

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
TCLP Arsenic	mg/L	< 0.025	0.500	0.500	0.517	0.502	103	100	75-125	2.9	20.0
TCLP Barium	mg/L	1.53	5.00	5.00	6.35	6.20	96.4	93.4	75-125	2.3	20.0
TCLP Cadmium	mg/L	< 0.005	0.500	0.500	0.496	0.480	99.2	96.0	75-125	3.2	20.0
TCLP Chromium	mg/L	0.025	5.00	5.00	4.89	4.74	97.3	94.3	75-125	3.1	20.0
TCLP Lead	mg/L	< 0.010	0.500	0.500	0.478	0.465	95.6	93.0	75-125	2.7	20.0

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: **Tetra Tech EM, Inc.**
Project Description: **Chromcraft**
Report No: **16-356-0209**

QC Prep Batch: L316754
QC Prep Batch Method: 3005A
Analysis Method: 6010C
Analysis Description: Metals Analysis (TCLP)

Matrix Spike & Matrix Spike Duplicate L 96956-MS-L316754 L 96956-MSD-L316754

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
TCLP Selenium	mg/L	< 0.050	0.500	0.500	0.551	0.535	110	107	75-125	2.9	20.0
TCLP Silver	mg/L	< 0.005	0.500	0.500	0.502	0.506	100	101	75-125	0.7	20.0

Post Digestion Spike L 96956-PDS-L316754

Parameter	Units	PDS Result	% Recovery	Analyzed
TCLP Arsenic	mg/L	0.249	99.9	01/05/17 03:06
TCLP Barium	mg/L	3.19	97.7	01/05/17 03:06
TCLP Cadmium	mg/L	0.248	99.4	01/05/17 03:06
TCLP Chromium	mg/L	2.51	99.7	01/05/17 03:06
TCLP Lead	mg/L	0.249	99.6	01/06/17 13:15
TCLP Selenium	mg/L	0.258	103	01/05/17 03:06
TCLP Silver	mg/L	0.254	102	01/05/17 03:06

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: Tetra Tech EM, Inc.
Project Description: Chromcraft
Report No: 16-356-0209

QC Prep Batch: L316957
QC Prep Batch Method: 3005A
Analysis Method: 6010C
Analysis Description: Metals Analysis (TCLP)

Lab Reagent Blank LRB-L316957 Matrix: TCL

Associated Lab Samples: 95407

Parameter	Units	Blank Result	MQL	Analyzed
TCLP Arsenic	mg/L	< 0.025	0.025	01/05/17 20:02
TCLP Barium	mg/L	< 0.025	0.025	01/05/17 20:02
TCLP Cadmium	mg/L	< 0.005	0.005	01/05/17 20:02
TCLP Chromium	mg/L	< 0.010	0.010	01/05/17 20:02
TCLP Lead	mg/L	< 0.010	0.010	01/05/17 20:02
TCLP Selenium	mg/L	< 0.050	0.050	01/05/17 20:02
TCLP Silver	mg/L	< 0.005	0.005	01/05/17 20:02

Laboratory Control Sample LCS-L316957

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
TCLP Arsenic	mg/L	0.100	0.099	99.0	80-120
TCLP Barium	mg/L	1.00	0.986	98.6	80-120
TCLP Cadmium	mg/L	0.100	0.100	100	80-120
TCLP Chromium	mg/L	1.00	1.04	104	80-120
TCLP Lead	mg/L	0.100	0.096	96.0	80-120
TCLP Selenium	mg/L	0.100	0.097	97.0	80-120
TCLP Silver	mg/L	0.100	0.100	100	80-120

Matrix Spike & Matrix Spike Duplicate L 96130-MS-L316957 L 96130-MSD-L316957

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
TCLP Arsenic	mg/L	< 0.025	0.500	0.500	0.536	0.533	107	107	75-125	0.5	20.0
TCLP Barium	mg/L	0.136	5.00	5.00	4.73	4.74	91.8	92.0	75-125	0.2	20.0
TCLP Cadmium	mg/L	< 0.005	0.500	0.500	0.455	0.454	91.0	90.8	75-125	0.2	20.0
TCLP Chromium	mg/L	< 0.010	5.00	5.00	4.73	4.75	94.6	95.0	75-125	0.4	20.0
TCLP Lead	mg/L	< 0.010	0.500	0.500	0.424	0.422	84.8	84.4	75-125	0.4	20.0

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: **Tetra Tech EM, Inc.**
Project Description: **Chromcraft**
Report No: **16-356-0209**

QC Prep Batch: L316957
QC Prep Batch Method: 3005A
Analysis Method: 6010C
Analysis Description: Metals Analysis (TCLP)

Matrix Spike & Matrix Spike Duplicate L 96130-MS-L316957 L 96130-MSD-L316957

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
TCLP Selenium	mg/L	< 0.050	0.500	0.500	0.534	0.532	107	106	75-125	0.3	20.0
TCLP Silver	mg/L	< 0.005	0.500	0.500	0.520	0.522	104	104	75-125	0.3	20.0

Post Digestion Spike L 96130-PDS-L316957

Parameter	Units	PDS Result	% Recovery	Analyzed
TCLP Arsenic	mg/L	0.258	103	01/05/17 20:54
TCLP Barium	mg/L	2.43	94.4	01/05/17 20:54
TCLP Cadmium	mg/L	0.233	93.3	01/05/17 20:54
TCLP Chromium	mg/L	2.45	97.8	01/05/17 20:54
TCLP Lead	mg/L	0.222	88.9	01/05/17 20:54
TCLP Selenium	mg/L	0.254	102	01/05/17 20:54
TCLP Silver	mg/L	0.259	104	01/05/17 20:54

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: **Tetra Tech EM, Inc.**
Project Description: **Chromcraft**
Report No: **16-356-0209**

QC Prep Batch: L316757 **Analysis Method:** 7470A
QC Prep Batch Method: 7470A **Analysis Description:** Total Aqueous Mercury Analysis - CVA

Lab Reagent Blank LRB-L316757 Matrix: TCL

Associated Lab Samples: 95399, 95401, 95403, 95405, 95407

Parameter	Units	Blank Result	MQL	Analyzed
TCLP Mercury	mg/L	< 0.0010	0.0010	01/04/17 11:33

Laboratory Control Sample LCS-L316757

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
TCLP Mercury	mg/L	0.0040	0.0042	105	80-120

Matrix Spike & Matrix Spike Duplicate L 95407-MS-L316757 L 95407-MSD-L316757

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
TCLP Mercury	mg/L	< 0.0200	0.0800	0.0800	0.0742	0.0778	92.7	97.2	80-120	4.7	20.0

Post Digestion Spike L 95407-PDS-L316757

Parameter	Units	PDS Result	% Recovery	Analyzed
TCLP Mercury	mg/L	0.102	102	01/04/17 12:17

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Cooler Receipt Form

Customer Number: **06379**
Customer Name: **Tetra Tech EM, Inc.**
Report Number: **16-356-0209**

Shipping Method

○ Fed Ex ○ US Postal ○ Lab ○ Other :
○ UPS ● Client ○ Courier Thermometer ID: #10

Shipping container/cooler uncompromised?	● Yes	○ No	
Number of coolers received	2		
Custody seals intact on shipping container/cooler?	○ Yes	○ No	● Not Required
Custody seals intact on sample bottles?	○ Yes	○ No	● Not Required
Chain of Custody (COC) present?	● Yes	○ No	
COC agrees with sample label(s)?	● Yes	○ No	
COC properly completed	● Yes	○ No	
Samples in proper containers?	● Yes	○ No	
Sample containers intact?	● Yes	○ No	
Sufficient sample volume for indicated test(s)?	● Yes	○ No	
All samples received within holding time?	● Yes	○ No	
Cooler temperature in compliance?	○ Yes	● No	
Cooler/Samples arrived at the laboratory on ice. Samples were considered acceptable as cooling process had begun.	● Yes	○ No	
Water - Sample containers properly preserved	● Yes	○ No	○ N/A
Water - VOA vials free of headspace	○ Yes	○ No	● N/A
Trip Blanks received with VOAs	○ Yes	○ No	● N/A
Soil VOA method 5035 – compliance criteria met	○ Yes	○ No	● N/A

☐ High concentration container (48 hr) ☐ Low concentration EnCore samplers (48 hr)
☐ High concentration pre-weighed (methanol -14 d) ☐ Low conc pre-weighed vials (Sod Bis -14 d)

Special precautions or instructions included?	○ Yes	● No

Comments: Cooler temps @ 8.1 and 8.8 degrees C.

Any regulatory non-compliance issues will be recorded on non-compliance report.

Signature: Danyale Love Date & Time: 12/21/2016 09:53:17

Waypoint ANALYTICAL

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

Kit ID:	0000074505
Initiated By:	Randy Thomas
Project Commment	

CHAIN-OF-CUSTO

16-356-0209
06379
12-21-2016
09:50:00
Tetra Tech EM, Inc.
Chromcraft

Company Name	Company Number	Client Project Manager/Contact	Purchase Order Number
Tetra Tech EM, Inc.	06379	Tetra Tech EM, Inc.	
Site Name	**Project Number**	☐ RUSH – Additional charges apply ☐ Special Detection Limits(s) Date Results Needed	**Method of Shipment** ☐ Fed Ex ☐ UPS ☐ USPS ☐ Courier ☑ Client Drop Off Other
Chromecraft	103X902701061		
LIMS Project ID	**Project Manager Phone #**	**Project Manager Email**	**Site/Facility ID #**
Tetra Tech - Chromcraft	Todd Taylor 615.992.5556 (687) 775-3104	todd.taylor@tetratech.com	

Date	Time	Sample ID	Matrix	Grab/ Comp	# of Cont	Container Type	Preservation	Analyses
12/20/16	1338	V31122016 1338	Aqueous	G	3	Plastic - Quart	NONE	TCLP Metals/TSS/TS/SS/SO4/pH/Alk/Acid
12/20/16	13:38	V3 1220161338	Aqueous	G	1	Plastic - Pint	NaOH - Sodium Hydroxide	CNA/CNT
12/20/16	13:38	V3 1220161338	Aqueous	G	1	Plastic - Pint	HNO3 - Nitric Acid	RCRA Metals/Cu/Na/Zn
12/20/16	13:38	V31 1220161338	Aqueous	G	1	Plastic - Pint	ZnAc+NaOH - Zinc Acetate+Sodium Hydroxide	Total & React Sulfide
12/20/16	14:00	V13122016 1400	Aqueous	G	3	Plastic - Quart	NONE	TCLP Metals/TSS/TS/SS/SO4/pH/Alk/Acid
12/20/16	14:00	V13 1220161400	Aqueous	G	1	Plastic - Pint	NaOH - Sodium Hydroxide	CNA/CNT
12/20/16	1400	V13 1220161400	Aqueous	G	1	Plastic - Pint	HNO3 - Nitric Acid	RCRA Metals/Cu/Na/Zn

For Laboratory Use Only			Sampled by (Name - Print)	Client Remarks/Comments			
Ice Y/N	Custody Seals Y/N	Lab Comments	Todd T				
		Approval to analyze per Todd Taylor. 12/21/16	Relinquished by: (SIGNATURE) Todd T	Date Time	Received by: (SIGNATURE)	Date Time	
Blank/Cooler Temp 8.1, 7.6, 8.8°C TIOBS			Relinquished by: (SIGNATURE)	Date Time	Received by: (SIGNATURE)	Date Time	
			Relinquished by: (SIGNATURE)	Date Time	Received by: (SIGNATURE) S. Cook	Date Time 12/21/16 1830	

1/3

Waypoint ANALYTICAL

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

Kit ID:	0000074505
Initiated By:	Randy Thomas
Project Commment	

CHAIN-OF-CUS

Tetra Tech EM, Inc.
Chromcraft

16-356-0209
06379
12-21-2016
09:50:00

Company Name	Company Number	Client Project Manager/Contact	Purchase Order Number
Tetra Tech EM, Inc.	06379	Tetra Tech EM, Inc.	
Site Name Chromecraft	**Project Number** 103X902701061	☐ RUSH – Additional charges apply ☐ Special Detection Limits(s) Date Results Needed	**Method of Shipment** ☐ Fed Ex ☐ UPS ☐ USPS ☐ Courier ☐ Client Drop Off Other
LIMS Project ID Tetra Tech - Chromcraft	**Project Manager Phone #** Todd Taylor 615.992 5556 (687) 775-3104	**Project Manager Email** todd.taylor@tetra tech.com	**Site/Facility ID #**

Date	Time	Sample ID	Matrix	Grab/ Comp	# of Cont	Container Type	Preservation	Analyses
12/20/16	1400	V13122016 1400	Aqueous	G	1	Plastic - Pint	ZnAc+NaOH - Zinc Acetate+Sodium Hydroxide	Total & React Sulfide
12/20/16	15:00	V16122016 1500	Aqueous	G	3	Plastic - Quart	NONE	TCLP Metals/TSS/TS/SS/SO4/pH/Alk/Acid
12/20/16	15:00	V16122016 1500	Aqueous	G	1	Plastic - Pint	NaOH - Sodium Hydroxide	CNA/CNT
12/20/16	15:00	V16122016 1500	Aqueous	G	1	Plastic - Pint	HNO3 - Nitric Acid	RCRA Metals/Cu/Na/Zn
12/20/16	15:00	V16122016 1500	Aqueous	G	1	Plastic - Pint	ZnAc+NaOH - Zinc Acetate+Sodium Hydroxide	Total & React Sulfide
12/20/16	15:15	~~V16122016~~ V17122016 1515	Aqueous	G	3	Plastic - Quart	NONE	TCLP Metals/TSS/TS/SS/SO4/pH/Alk/Acid
12/20/16	15:15	V17122016 1515	Aqueous	G	1	Plastic - Pint	NaOH - Sodium Hydroxide	CNA/CNT

For Laboratory Use Only			Sampled by (Name - Print)	Client Remarks/Comments		
Ice Y/N	Custody Seals Y/N	Lab Comments	Todd Taylor			
			Relinquished by: (SIGNATURE) Todd	Date Time 12/20/16	Received by: (SIGNATURE)	Date Time
			Relinquished by: (SIGNATURE)	Date Time	Received by: (SIGNATURE)	Date Time
Blank/Cooler Temp 8.1°C, 8.8°C TIOBS			Relinquished by: (SIGNATURE)	Date Time	Received by: (SIGNATURE) S. Cook	Date Time 12/20/16 1830

Waypoint ANALYTICAL

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

Kit ID:	0000074505
Initiated By:	Randy Thomas
Project Commment	

CHAIN-OF-CUS

16-356-0209
06379
12-21-2016
09:50:00
Tetra Tech EM, Inc.
Chromcraft

Company Name	Company Number	Client Project Manager/Contact	Purchase Order Number
Tetra Tech EM, Inc.	06379	Tetra Tech EM, Inc.	
Site Name	**Project Number**	☐ RUSH – Additional charges apply ☐ Special Detection Limits(s) Date Results Needed	**Method of Shipment** ☐ Fed Ex ☐ UPS ☐ USPS ☐ Courier ☑ Client Drop Off Other
Chromecraft	103X902701061		
LIMS Project ID	**Project Manager Phone #**	**Project Manager Email**	**Site/Facility ID #**
Tetra Tech - Chromcraft	Todd Taylor (687) 775-3104 615-992-5556	~~ttay~~ todd.Taylor@tetratech.com	

Date	Time	Sample ID	Matrix	Grab/ Comp	# of Cont	Container Type	Preservation	Analyses
12/20/16	15:15	V17122016 1515	Aqueous	G	1	Plastic - Pint	HNO3 - Nitric Acid	RCRA Metals/Cu/Na/Zn
12/20/16	15:15	V17122016 1515	Aqueous	G	1	Plastic - Pint	ZnAc+NaOH - Zinc Acetate+Sodium Hydroxide	Total & React Sulfide
12/20/16	15:35	V22122016 1535	Aqueous	G	~~1~~ 4	Plastic - Quart	NONE	TCLP Metals/TSS/TS/SS/SO4/pH/Alk/Acid
12/20/16	15:35	V22122016 1535	Aqueous	G	1	Plastic - Pint	NaOH - Sodium Hydroxide	CNA/CNT
12/20/16	15:35	V22122016 1535	Aqueous	G	1	Plastic - Pint	HNO3 - Nitric Acid	RCRA Metals/Cu/Na/Zn
12/20/16	15:35	V22122016 1535	Aqueous	G	1	Plastic - Pint	ZnAc+NaOH - Zinc Acetate+Sodium Hydroxide	Total & React Sulfide

For Laboratory Use Only			Sampled by (Name - Print)		Client Remarks/Comments	
Ice Y/N	Custody Seals Y/N	Lab Comments	Todd Taylor			
			Relinquished by: (SIGNATURE)	Date Time	Received by: (SIGNATURE)	Date Time
			Todd T	12/20/16		
Blank/Cooler Temp			Relinquished by: (SIGNATURE)	Date Time	Received by: (SIGNATURE)	Date Time
8.1°C TIO 8.8°C BS			Relinquished by: (SIGNATURE)	Date Time	Received by: (SIGNATURE)	Date Time
					S. Cook	12/20/16 1830

3/3

Waypoint ANALYTICAL

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

1/13/2017

Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth, GA, 30096

Ref: Analytical Testing
Lab Report Number: 16-356-0250
Client Project Description: Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061
Project Number: 103X902701058

Dear Mr. Todd Taylor:
Waypoint Analytical, Inc. received sample(s) on 12/21/2016 for the analyses presented in the following report.

The above referenced project has been analyzed per your instructions. The analyses were performed in accordance with the applicable analytical method.

The analytical data has been validated using standard quality control measures performed as required by the analytical method. Quality Assurance, method validations, instrumentation maintenance and calibration for all parameters (NELAP and non-NELAP) were performed in accordance with guidelines established by the USEPA (including 40 CFR 136 Method Update Rule May 2012) and NELAC unless otherwise indicated. Any parameter for which the laboratory is not officially NELAP accredited is indicated by a '~' symbol. These are not included in the scope because NELAP accreditation is either not available or has not been applied for. Additional certifications may be held/are available for parameters, where NELAP accreditation is not required or applicable. A full list of certifications is available upon request.

Certain parameters (chlorine, pH, dissolved oxygen, sulfite...) are required to be analyzed within 15 minutes of sampling. Usually, but not always, any field parameter analyzed at the laboratory is outside of this holding time. Refer to sample analysis time for confirmation of holding time compliance.

The results are shown on the attached Report of Analysis(s). Results for solid matrices are reported on an as-received basis unless otherwise indicated. This report shall not be reproduced except in full and relates only to the samples included in this report.

Please do not hesitate to contact me or client services if you have any questions or need additional information.

Sincerely,

Randell H. Thomas

Randy Thomas
Project Manager

Laboratory's liability in any claim relating to analyses performed shall be limited to, at laboratory's option, repeating the analysis in question at laboratory's expense, or the refund of the charges paid for performance of said analysis.

Alabama	#40750	Louisiana	#04015	VA NELAP	#460181	Texas	#T104704180-11-6	Arkansas	#88-0650
Mississippi		California	#2904	NC	#415	Oklahoma	#9311	Virginia	#00106
Kentucky	#90047	Tennessee	#TN02027	EPA	#TN00012	Kentucky UST	#41		

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Non-Compliance Login Summary Report

Incident Date: 12-21-2016 10:36 am
Report number: 16-356-0250 Lab Number(s): L95415, L95417, L95419, L95421, L95423
Customer number: 06379
Customer Name: Tetra Tech EM, Inc.
Contact Name: Tetra Tech EM, Inc.
Project ID: Tetra Tech - Chromcraft

This Non-Compliance Report has been generated because proper EPA protocol was not followed for the above referenced sample(s). This means that the data generated from the analysis of this project may not be suitable for Regulatory compliance.

This report should be included with any data submitted to a Regulatory Agency. The actual problems encountered are listed below.

Description of Login Non-Compliance

☑ **Sample Temperature Non-compliant**
Cooler Temperature: 7.7,8.4,7.9 degrees Celsius
Required Temperature: < 6 degrees Celsius

☐ **Sample Received in Improper Container**
Analysis:
Received Container:
Required Container:

☐ **Sample Improperly Preserved**
Analysis:
Received Preservative:
Required Preservative:

☐ **Sample Received Outside Holding Time** Date Received: 12-21-2016 00:00
Analysis:
Sampled Date and Time:
Required Holding Time:

Other:

Corrective Action

Client Notified: ● Yes ○ No Date Client Notified: 12/21/16 Contact Name: Todd Taylor
Client Directive:

Approval to analyze per Todd Taylor

Initiated By: Danyale Love Project manager: Randall Thomas QAO: Richard Medina

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Sample Summary Table

Report Number: **16-356-0250**

Client Project Description: **Chromcraft**
1 Quality Dr., Senatobia, MS
Project #103902701061

Lab No	Client Sample ID	Matrix	Date Collected	Date Received	Method	Lab ID
95414	V11220160910	Solid	12/20/2016 09:10	12/21/2016	6010C	WTN
95414	V11220160910	Solid	12/20/2016 09:10	12/21/2016	7470A	WTN
95414	V11220160910	Solid	12/20/2016 09:10	12/21/2016	SW-1311	WTN
95415	V11220160910	Aqueous	12/20/2016 09:10	12/21/2016	2310B-2011	WTN
95415	V11220160910	Aqueous	12/20/2016 09:10	12/21/2016	2320B-2011	WTN
95415	V11220160910	Aqueous	12/20/2016 09:10	12/21/2016	2540B-2011	WTN
95415	V11220160910	Aqueous	12/20/2016 09:10	12/21/2016	2540D-2011	WTN
95415	V11220160910	Aqueous	12/20/2016 09:10	12/21/2016	2540F-2011	WTN
95415	V11220160910	Aqueous	12/20/2016 09:10	12/21/2016	4500CNE-2011	WTN
95415	V11220160910	Aqueous	12/20/2016 09:10	12/21/2016	4500CNG-2011	WTN
95415	V11220160910	Aqueous	12/20/2016 09:10	12/21/2016	4500H+B-2011	WTN
95415	V11220160910	Aqueous	12/20/2016 09:10	12/21/2016	4500S2G-2011	WTN
95415	V11220160910	Aqueous	12/20/2016 09:10	12/21/2016	EPA-200.7	WTN
95415	V11220160910	Aqueous	12/20/2016 09:10	12/21/2016	EPA-245.1	WTN
95415	V11220160910	Aqueous	12/20/2016 09:10	12/21/2016	EPA-300.0	WTN
95415	V11220160910	Aqueous	12/20/2016 09:10	12/21/2016	SW-7.3.4	WTN
95416	V21220160930	Solid	12/20/2016 09:30	12/21/2016	6010C	WTN
95416	V21220160930	Solid	12/20/2016 09:30	12/21/2016	7470A	WTN
95416	V21220160930	Solid	12/20/2016 09:30	12/21/2016	SW-1311	WTN
95417	V21220160930	Aqueous	12/20/2016 09:30	12/21/2016	2310B-2011	WTN
95417	V21220160930	Aqueous	12/20/2016 09:30	12/21/2016	2320B-2011	WTN
95417	V21220160930	Aqueous	12/20/2016 09:30	12/21/2016	2540B-2011	WTN
95417	V21220160930	Aqueous	12/20/2016 09:30	12/21/2016	2540D-2011	WTN
95417	V21220160930	Aqueous	12/20/2016 09:30	12/21/2016	2540F-2011	WTN
95417	V21220160930	Aqueous	12/20/2016 09:30	12/21/2016	4500CNE-2011	WTN
95417	V21220160930	Aqueous	12/20/2016 09:30	12/21/2016	4500CNG-2011	WTN

WTN: Waypoint Analytical, Inc.

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Sample Summary Table

Report Number: **16-356-0250**

Client Project Description: **Chromcraft**
1 Quality Dr., Senatobia, MS
Project #103902701061

Lab No	Client Sample ID	Matrix	Date Collected	Date Received	Method	Lab ID
95417	V21220160930	Aqueous	12/20/2016 09:30	12/21/2016	4500H+B-2011	WTN
95417	V21220160930	Aqueous	12/20/2016 09:30	12/21/2016	4500S2G-2011	WTN
95417	V21220160930	Aqueous	12/20/2016 09:30	12/21/2016	EPA-200.7	WTN
95417	V21220160930	Aqueous	12/20/2016 09:30	12/21/2016	EPA-245.1	WTN
95417	V21220160930	Aqueous	12/20/2016 09:30	12/21/2016	EPA-300.0	WTN
95417	V21220160930	Aqueous	12/20/2016 09:30	12/21/2016	SW-7.3.4	WTN
95418	V31220161025	Solid	12/20/2016 10:25	12/21/2016	6010C	WTN
95418	V31220161025	Solid	12/20/2016 10:25	12/21/2016	7470A	WTN
95418	V31220161025	Solid	12/20/2016 10:25	12/21/2016	SW-1311	WTN
95419	V31220161025	Aqueous	12/20/2016 10:25	12/21/2016	2310B-2011	WTN
95419	V31220161025	Aqueous	12/20/2016 10:25	12/21/2016	2320B-2011	WTN
95419	V31220161025	Aqueous	12/20/2016 10:25	12/21/2016	2540B-2011	WTN
95419	V31220161025	Aqueous	12/20/2016 10:25	12/21/2016	2540D-2011	WTN
95419	V31220161025	Aqueous	12/20/2016 10:25	12/21/2016	2540F-2011	WTN
95419	V31220161025	Aqueous	12/20/2016 10:25	12/21/2016	4500CNE-2011	WTN
95419	V31220161025	Aqueous	12/20/2016 10:25	12/21/2016	4500CNG-2011	WTN
95419	V31220161025	Aqueous	12/20/2016 10:25	12/21/2016	4500H+B-2011	WTN
95419	V31220161025	Aqueous	12/20/2016 10:25	12/21/2016	4500S2G-2011	WTN
95419	V31220161025	Aqueous	12/20/2016 10:25	12/21/2016	EPA-200.7	WTN
95419	V31220161025	Aqueous	12/20/2016 10:25	12/21/2016	EPA-245.1	WTN
95419	V31220161025	Aqueous	12/20/2016 10:25	12/21/2016	EPA-300.0	WTN
95419	V31220161025	Aqueous	12/20/2016 10:25	12/21/2016	SW-7.3.4	WTN
95420	V41220161040	Solid	12/20/2016 10:40	12/21/2016	6010C	WTN
95420	V41220161040	Solid	12/20/2016 10:40	12/21/2016	7470A	WTN
95420	V41220161040	Solid	12/20/2016 10:40	12/21/2016	SW-1311	WTN
95421	V41220161040	Aqueous	12/20/2016 10:40	12/21/2016	2310B-2011	WTN

WTN: Waypoint Analytical, Inc.

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Sample Summary Table

Report Number: **16-356-0250**

Client Project Description: **Chromcraft**
1 Quality Dr., Senatobia, MS
Project #103902701061

Lab No	Client Sample ID	Matrix	Date Collected	Date Received	Method	Lab ID
95421	V41220161040	Aqueous	12/20/2016 10:40	12/21/2016	2320B-2011	WTN
95421	V41220161040	Aqueous	12/20/2016 10:40	12/21/2016	2540B-2011	WTN
95421	V41220161040	Aqueous	12/20/2016 10:40	12/21/2016	2540D-2011	WTN
95421	V41220161040	Aqueous	12/20/2016 10:40	12/21/2016	2540F-2011	WTN
95421	V41220161040	Aqueous	12/20/2016 10:40	12/21/2016	4500CNE-2011	WTN
95421	V41220161040	Aqueous	12/20/2016 10:40	12/21/2016	4500CNG-2011	WTN
95421	V41220161040	Aqueous	12/20/2016 10:40	12/21/2016	4500H+B-2011	WTN
95421	V41220161040	Aqueous	12/20/2016 10:40	12/21/2016	4500S2G-2011	WTN
95421	V41220161040	Aqueous	12/20/2016 10:40	12/21/2016	EPA-200.7	WTN
95421	V41220161040	Aqueous	12/20/2016 10:40	12/21/2016	EPA-245.1	WTN
95421	V41220161040	Aqueous	12/20/2016 10:40	12/21/2016	EPA-300.0	WTN
95421	V41220161040	Aqueous	12/20/2016 10:40	12/21/2016	SW-7.3.4	WTN
95422	V81220161115	Solid	12/20/2016 11:15	12/21/2016	6010C	WTN
95422	V81220161115	Solid	12/20/2016 11:15	12/21/2016	7470A	WTN
95422	V81220161115	Solid	12/20/2016 11:15	12/21/2016	SW-1311	WTN
95423	V81220161115	Aqueous	12/20/2016 11:15	12/21/2016	2310B-2011	WTN
95423	V81220161115	Aqueous	12/20/2016 11:15	12/21/2016	2320B-2011	WTN
95423	V81220161115	Aqueous	12/20/2016 11:15	12/21/2016	2540B-2011	WTN
95423	V81220161115	Aqueous	12/20/2016 11:15	12/21/2016	2540D-2011	WTN
95423	V81220161115	Aqueous	12/20/2016 11:15	12/21/2016	2540F-2011	WTN
95423	V81220161115	Aqueous	12/20/2016 11:15	12/21/2016	4500CNE-2011	WTN
95423	V81220161115	Aqueous	12/20/2016 11:15	12/21/2016	4500CNG-2011	WTN
95423	V81220161115	Aqueous	12/20/2016 11:15	12/21/2016	4500H+B-2011	WTN
95423	V81220161115	Aqueous	12/20/2016 11:15	12/21/2016	4500S2G-2011	WTN
95423	V81220161115	Aqueous	12/20/2016 11:15	12/21/2016	EPA-200.7	WTN
95423	V81220161115	Aqueous	12/20/2016 11:15	12/21/2016	EPA-245.1	WTN

WTN: Waypoint Analytical, Inc.

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Sample Summary Table

Report Number: **16-356-0250**

Client Project Description: **Chromcraft**
1 Quality Dr., Senatobia, MS
Project #103902701061

Lab No	Client Sample ID	Matrix	Date Collected	Date Received	Method	Lab ID
95423	V81220161115	Aqueous	12/20/2016 11:15	12/21/2016	EPA-300.0	WTN
95423	V81220161115	Aqueous	12/20/2016 11:15	12/21/2016	SW-7.3.4	WTN

WTN: Waypoint Analytical, Inc.

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 01/13/2017
Received : 12/21/2016

Randell H. Thomas
Randy Thomas
Project Manager

Report Number : **16-356-0250**

REPORT OF ANALYSIS

Lab No : **95414**
Sample ID : **V11220160910**

Matrix: **Solid**
Sampled: **12/20/2016 9:10**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
TCLP Metals Extraction	**Filtrate**			1	01/03/17 14:07	SAJ	SW-1311

Analytical Method: 6010C **Prep Batch(es):** **L316754** 01/04/17 08:25
Prep Method: 3005A

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Arsenic	<12.5	mg/L	12.5	100	01/12/17 23:19	JTR	L317836
TCLP Barium	<12.5	mg/L	12.5	100	01/12/17 23:19	JTR	L317836
TCLP Cadmium	<2.50	mg/L	2.50	100	01/12/17 23:19	JTR	L317836
TCLP Chromium	**532**	mg/L	5.00	100	01/12/17 23:19	JTR	L317836
TCLP Lead	<5.00	mg/L	5.00	100	01/13/17 13:00	CCR	L317919
TCLP Selenium	<25.0	mg/L	25.0	100	01/12/17 23:19	JTR	L317836
TCLP Silver	<2.50	mg/L	2.50	100	01/12/17 23:19	JTR	L317836

Analytical Method: 7470A **Prep Batch(es):** **L316759** 01/04/17 08:45
Prep Method: 7470A

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Mercury	<0.0200	mg/L	0.0200	1	01/04/17 12:18	KKM	L316849

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 01/13/2017
Received : 12/21/2016

Randell H. Thomas
Randy Thomas
Project Manager

Report Number : **16-356-0250**

REPORT OF ANALYSIS

Lab No : **95415**
Sample ID : **V11220160910**

Matrix: **Aqueous**
Sampled: **12/20/2016 9:10**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Acidity (as CaCO3)	<100	mg/L	100	1	12/30/16 10:44	DB2	2310B-2011
Alkalinity (as CaCO3)	**80500**	mg/L	100	1	01/03/17 10:29	DB2	2320B-2011
Cyanide, Amenable	**13.0**	mg/L	10.0	1000	01/02/17 12:07	EWB	4500CNG-2011
Cyanide, Total	**13.8**	mg/L	10.0	1000	12/31/16 12:30	EWB	4500CNE-2011
pH	**10.7**	s.u.		1	12/21/16 14:25	WRO	4500H+B-2011
Total Settleable Solids	**2.0**	mL/L	0.1	1	12/21/16 11:26	EWB	2540F-2011
Total Solids	**231000**	mg/L	33	1	12/23/16 13:25	GHD	2540B-2011
Total Suspended Solids	**490**	mg/L	5	1	12/21/16 15:10	KGL	2540D-2011
Sulfide	<25.0	mg/L	25.0	25	12/23/16 11:04	GHD	4500S2G-2011
Total Arsenic	<5.00	mg/L	5.00	100	01/12/17 22:29	JTR	EPA-200.7
Total Barium	<5.00	mg/L	5.00	100	01/12/17 22:29	JTR	EPA-200.7
Total Cadmium	<1.00	mg/L	1.00	100	01/12/17 22:29	JTR	EPA-200.7
Total Chromium	**561**	mg/L	2.50	100	01/12/17 22:29	JTR	EPA-200.7
Total Copper	**2.60**	mg/L	2.50	100	01/12/17 22:29	JTR	EPA-200.7
Total Lead	<3.00	mg/L	3.00	100	01/13/17 14:01	CCR	EPA-200.7
Mercury (Total)	<0.00100	mg/L	0.00100	1	12/28/16 12:37	KKM	EPA-245.1
Total Selenium	<5.00	mg/L	5.00	100	01/12/17 22:29	JTR	EPA-200.7
Total Silver	<2.50	mg/L	2.50	100	01/12/17 22:29	JTR	EPA-200.7
Total Sodium	**42800**	mg/L	250	100	01/12/17 22:29	JTR	EPA-200.7
Total Zinc	<5.00	mg/L	5.00	100	01/12/17 22:29	JTR	EPA-200.7
Sulfate	**1500**	mg/L	100	100	12/28/16 12:06	BKN	EPA-300.0
Sulfide (Reactivity)	<25.0	mg/L	25.0	1	12/23/16 11:04	GHD	SW-7.3.4

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 01/13/2017
Received : 12/21/2016

Randell H. Thomas
Randy Thomas
Project Manager

Report Number : **16-356-0250**

REPORT OF ANALYSIS

Lab No : **95416**
Sample ID : **V21220160930**

Matrix: **Solid**
Sampled: **12/20/2016 9:30**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
TCLP Metals Extraction	**Filtrate**			1	01/03/17 14:07	SAJ	SW-1311

Analytical Method: 6010C **Prep Batch(es):** **L316754** 01/04/17 08:25
Prep Method: 3005A

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Arsenic	<12.5	mg/L	12.5	100	01/12/17 23:24	JTR	L317836
TCLP Barium	<12.5	mg/L	12.5	100	01/12/17 23:24	JTR	L317836
TCLP Cadmium	<2.50	mg/L	2.50	100	01/12/17 23:24	JTR	L317836
TCLP Chromium	**166**	mg/L	5.00	100	01/12/17 23:24	JTR	L317836
TCLP Lead	<5.00	mg/L	5.00	100	01/13/17 13:05	CCR	L317919
TCLP Selenium	<25.0	mg/L	25.0	100	01/12/17 23:24	JTR	L317836
TCLP Silver	<2.50	mg/L	2.50	100	01/12/17 23:24	JTR	L317836

Analytical Method: 7470A **Prep Batch(es):** **L316759** 01/04/17 08:45
Prep Method: 7470A

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Mercury	<0.0200	mg/L	0.0200	1	01/04/17 12:20	KKM	L316849

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 01/13/2017
Received : 12/21/2016

Randell H. Thomas
Randy Thomas
Project Manager

Report Number : **16-356-0250**

REPORT OF ANALYSIS

Lab No : **95417**
Sample ID : **V21220160930**

Matrix: **Aqueous**
Sampled: **12/20/2016 9:30**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Acidity (as CaCO3)	<100	mg/L	100	1	12/30/16 10:44	DB2	2310B-2011
Alkalinity (as CaCO3)	**67500**	mg/L	100	1	01/03/17 10:29	DB2	2320B-2011
Cyanide, Amenable	<10.0	mg/L	10.0	1000	01/02/17 12:07	EWB	4500CNG-2011
Cyanide, Total	<10.0	mg/L	10.0	1000	12/31/16 12:30	EWB	4500CNE-2011
pH	**10.3**	s.u.		1	12/21/16 14:25	WRO	4500H+B-2011
Total Settleable Solids	<0.1	mL/L	0.1	1	12/21/16 11:26	EWB	2540F-2011
Total Solids	**66500**	mg/L	43	1	12/23/16 13:25	GHD	2540B-2011
Total Suspended Solids	**315**	mg/L	11	1	12/21/16 15:10	KGL	2540D-2011
Sulfide	<25.0	mg/L	25.0	25	12/23/16 11:04	GHD	4500S2G-2011
Total Arsenic	<5.00	mg/L	5.00	100	01/12/17 22:33	JTR	EPA-200.7
Total Barium	<5.00	mg/L	5.00	100	01/12/17 22:33	JTR	EPA-200.7
Total Cadmium	<1.00	mg/L	1.00	100	01/12/17 22:33	JTR	EPA-200.7
Total Chromium	**179**	mg/L	2.50	100	01/12/17 22:33	JTR	EPA-200.7
Total Copper	<2.50	mg/L	2.50	100	01/12/17 22:33	JTR	EPA-200.7
Total Lead	<3.00	mg/L	3.00	100	01/13/17 14:06	CCR	EPA-200.7
Mercury (Total)	<0.00100	mg/L	0.00100	1	12/28/16 12:42	KKM	EPA-245.1
Total Selenium	<5.00	mg/L	5.00	100	01/12/17 22:33	JTR	EPA-200.7
Total Silver	<2.50	mg/L	2.50	100	01/12/17 22:33	JTR	EPA-200.7
Total Sodium	**16800**	mg/L	250	100	01/12/17 22:33	JTR	EPA-200.7
Total Zinc	<5.00	mg/L	5.00	100	01/12/17 22:33	JTR	EPA-200.7
Sulfate	**640**	mg/L	100	100	12/28/16 12:16	BKN	EPA-300.0
Sulfide (Reactivity)	<25.0	mg/L	25.0	1	12/23/16 11:04	GHD	SW-7.3.4

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 01/13/2017
Received : 12/21/2016

Randell H. Thomas
Randy Thomas
Project Manager

Report Number : **16-356-0250**

REPORT OF ANALYSIS

Lab No : **95418**
Sample ID : **V31220161025**

Matrix: **Solid**
Sampled: **12/20/2016 10:25**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
TCLP Metals Extraction	**Filtrate**			1	01/03/17 14:07	SAJ	SW-1311

Analytical Method: 6010C **Prep Batch(es):** **L316754** 01/04/17 08:25
Prep Method: 3005A

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Arsenic	<12.5	mg/L	12.5	100	01/12/17 23:28	JTR	L317836
TCLP Barium	<12.5	mg/L	12.5	100	01/12/17 23:28	JTR	L317836
TCLP Cadmium	<2.50	mg/L	2.50	100	01/12/17 23:28	JTR	L317836
TCLP Chromium	**122**	mg/L	5.00	100	01/12/17 23:28	JTR	L317836
TCLP Lead	<5.00	mg/L	5.00	100	01/13/17 13:10	CCR	L317919
TCLP Selenium	<25.0	mg/L	25.0	100	01/12/17 23:28	JTR	L317836
TCLP Silver	<2.50	mg/L	2.50	100	01/12/17 23:28	JTR	L317836

Analytical Method: 7470A **Prep Batch(es):** **L316759** 01/04/17 08:45
Prep Method: 7470A

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Mercury	<0.0200	mg/L	0.0200	1	01/04/17 12:22	KKM	L316849

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 01/13/2017
Received : 12/21/2016

Randell H. Thomas
Randy Thomas
Project Manager

Report Number : **16-356-0250**

REPORT OF ANALYSIS

Lab No : **95419**
Sample ID : **V31220161025**

Matrix: **Aqueous**
Sampled: **12/20/2016 10:25**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Acidity (as CaCO3)	<100	mg/L	100	1	12/30/16 10:44	DB2	2310B-2011
Alkalinity (as CaCO3)	**65000**	mg/L	100	1	01/03/17 10:29	DB2	2320B-2011
Cyanide, Amenable	<10.0	mg/L	10.0	1000	01/02/17 12:07	EWB	4500CNG-2011
Cyanide, Total	<10.0	mg/L	10.0	1000	12/31/16 12:30	EWB	4500CNE-2011
pH	**10.6**	s.u.		1	12/21/16 14:25	WRO	4500H+B-2011
Total Settleable Solids	**36.0**	mL/L	0.1	1	12/21/16 11:26	EWB	2540F-2011
Total Solids	**78300**	mg/L	66	1	12/23/16 13:25	GHD	2540B-2011
Total Suspended Solids	**160**	mg/L	5	1	12/21/16 15:10	KGL	2540D-2011
Sulfide	<25.0	mg/L	25.0	25	12/23/16 11:04	GHD	4500S2G-2011
Total Arsenic	<5.00	mg/L	5.00	100	01/12/17 22:38	JTR	EPA-200.7
Total Barium	<5.00	mg/L	5.00	100	01/12/17 22:38	JTR	EPA-200.7
Total Cadmium	<1.00	mg/L	1.00	100	01/12/17 22:38	JTR	EPA-200.7
Total Chromium	**141**	mg/L	2.50	100	01/12/17 22:38	JTR	EPA-200.7
Total Copper	<2.50	mg/L	2.50	100	01/12/17 22:38	JTR	EPA-200.7
Total Lead	<3.00	mg/L	3.00	100	01/13/17 14:11	CCR	EPA-200.7
Mercury (Total)	<0.00100	mg/L	0.00100	1	12/28/16 12:44	KKM	EPA-245.1
Total Selenium	<5.00	mg/L	5.00	100	01/12/17 22:38	JTR	EPA-200.7
Total Silver	<2.50	mg/L	2.50	100	01/12/17 22:38	JTR	EPA-200.7
Total Sodium	**32700**	mg/L	250	100	01/12/17 22:38	JTR	EPA-200.7
Total Zinc	<5.00	mg/L	5.00	100	01/12/17 22:38	JTR	EPA-200.7
Sulfate	**496**	mg/L	100	100	12/28/16 12:25	BKN	EPA-300.0
Sulfide (Reactivity)	<25.0	mg/L	25.0	1	12/23/16 11:04	GHD	SW-7.3.4

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 01/13/2017
Received : 12/21/2016

Randell H. Thomas
Randy Thomas
Project Manager

Report Number : **16-356-0250**

REPORT OF ANALYSIS

Lab No : **95420**
Sample ID : **V41220161040**

Matrix: **Solid**
Sampled: **12/20/2016 10:40**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
TCLP Metals Extraction	**Filtrate**			1	01/03/17 14:07	SAJ	SW-1311

Analytical Method: 6010C **Prep Batch(es):** **L316754** 01/04/17 08:25
Prep Method: 3005A

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Arsenic	<12.5	mg/L	12.5	100	01/11/17 01:03	JTR	L317712
TCLP Barium	<12.5	mg/L	12.5	100	01/11/17 01:03	JTR	L317712
TCLP Cadmium	<2.50	mg/L	2.50	100	01/11/17 01:03	JTR	L317712
TCLP Chromium	**1190**	mg/L	5.00	100	01/11/17 01:03	JTR	L317712
TCLP Lead	**9.60**	mg/L	5.00	100	01/11/17 01:03	JTR	L317712
TCLP Selenium	<25.0	mg/L	25.0	100	01/11/17 01:03	JTR	L317712
TCLP Silver	<2.50	mg/L	2.50	100	01/11/17 01:03	JTR	L317712

Analytical Method: 7470A **Prep Batch(es):** **L316759** 01/04/17 08:45
Prep Method: 7470A

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Mercury	<0.0200	mg/L	0.0200	1	01/04/17 12:24	KKM	L316849

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 01/13/2017
Received : 12/21/2016

Randy Thomas
Project Manager

Report Number : **16-356-0250**

REPORT OF ANALYSIS

Lab No : **95421**
Sample ID : **V41220161040**

Matrix: **Aqueous**
Sampled: **12/20/2016 10:40**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Acidity (as CaCO3)	<100	mg/L	100	1	12/30/16 10:44	DB2	2310B-2011
Alkalinity (as CaCO3)	**52000**	mg/L	100	1	01/03/17 10:29	DB2	2320B-2011
Cyanide, Amenable	<10.0	mg/L	10.0	1000	01/02/17 12:07	EWB	4500CNG-2011
Cyanide, Total	<10.0	mg/L	10.0	1000	12/31/16 12:30	EWB	4500CNE-2011
pH	**13.8**	s.u.		1	12/21/16 14:25	WRO	4500H+B-2011
Total Settleable Solids	**5.9**	mL/L	0.1	1	12/21/16 11:26	EWB	2540F-2011
Total Solids	**206000**	mg/L	50	1	12/23/16 13:25	GHD	2540B-2011
Total Suspended Solids	**303**	mg/L	2	1	12/21/16 15:10	KGL	2540D-2011
Sulfide	<25.0	mg/L	25.0	25	12/23/16 11:04	GHD	4500S2G-2011
Total Arsenic	<5.00	mg/L	5.00	10	01/11/17 01:08	JTR	EPA-200.7
Total Barium	<5.00	mg/L	5.00	10	01/11/17 01:08	JTR	EPA-200.7
Total Cadmium	<1.00	mg/L	1.00	10	01/11/17 01:08	JTR	EPA-200.7
Total Chromium	**1140**	mg/L	2.50	10	01/11/17 01:08	JTR	EPA-200.7
Total Copper	**13.8**	mg/L	2.50	10	01/11/17 01:08	JTR	EPA-200.7
Total Lead	**11.6**	mg/L	3.00	10	01/11/17 01:08	JTR	EPA-200.7
Mercury (Total)	<0.0100	mg/L	0.0100	1	12/28/16 12:46	KKM	EPA-245.1
Total Selenium	<5.00	mg/L	5.00	10	01/11/17 01:08	JTR	EPA-200.7
Total Silver	<2.50	mg/L	2.50	10	01/11/17 01:08	JTR	EPA-200.7
Total Sodium	**96200**	mg/L	250	10	01/11/17 01:08	JTR	EPA-200.7
Total Zinc	**7.95**	mg/L	5.00	10	01/11/17 01:08	JTR	EPA-200.7
Sulfate	**1390**	mg/L	1000	1000	12/28/16 20:50	BKN	EPA-300.0
Sulfide (Reactivity)	<25.0	mg/L	25.0	1	12/23/16 11:04	GHD	SW-7.3.4

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 01/13/2017
Received : 12/21/2016

Randell H. Thomas
Randy Thomas
Project Manager

Report Number : **16-356-0250**

REPORT OF ANALYSIS

Lab No : **95422**
Sample ID : **V81220161115**

Matrix: **Solid**
Sampled: **12/20/2016 11:15**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
TCLP Metals Extraction	**Filtrate**			1	01/03/17 14:07	SAJ	SW-1311

Analytical Method: 6010C **Prep Batch(es):** **L316754** 01/04/17 08:25
Prep Method: 3005A

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Arsenic	<12.5	mg/L	12.5	100	01/11/17 01:13	JTR	L317712
TCLP Barium	<12.5	mg/L	12.5	100	01/11/17 01:13	JTR	L317712
TCLP Cadmium	<2.50	mg/L	2.50	100	01/11/17 01:13	JTR	L317712
TCLP Chromium	**177**	mg/L	5.00	100	01/11/17 01:13	JTR	L317712
TCLP Lead	<5.00	mg/L	5.00	100	01/11/17 01:13	JTR	L317712
TCLP Selenium	<25.0	mg/L	25.0	100	01/11/17 01:13	JTR	L317712
TCLP Silver	<2.50	mg/L	2.50	100	01/11/17 01:13	JTR	L317712

Analytical Method: 7470A **Prep Batch(es):** **L316759** 01/04/17 08:45
Prep Method: 7470A

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Mercury	<0.0200	mg/L	0.0200	1	01/04/17 12:26	KKM	L316849

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 01/13/2017
Received : 12/21/2016

Randell H. Thomas
Randy Thomas
Project Manager

Report Number : **16-356-0250**

REPORT OF ANALYSIS

Lab No : **95423**
Sample ID : **V81220161115**

Matrix: **Aqueous**
Sampled: **12/20/2016 11:15**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Acidity (as CaCO3)	**100000**	mg/L	100	1	12/30/16 10:44	DB2	2310B-2011
Alkalinity (as CaCO3)	<100	mg/L	100	1	01/03/17 10:29	DB2	2320B-2011
Cyanide, Amenable	<10.0	mg/L	10.0	1000	01/02/17 12:07	EWB	4500CNG-2011
Cyanide, Total	<10.0	mg/L	10.0	1000	12/31/16 12:30	EWB	4500CNE-2011
pH	**2.3**	s.u.		1	12/21/16 14:25	WRO	4500H+B-2011
Total Settleable Solids	**60.7**	mL/L	0.1	1	12/21/16 11:26	EWB	2540F-2011
Total Solids	**239000**	mg/L	31	1	12/23/16 13:25	GHD	2540B-2011
Total Suspended Solids	**146**	mg/L	2	1	12/21/16 15:10	KGL	2540D-2011
Sulfide	<25.0	mg/L	25.0	25	12/23/16 11:04	GHD	4500S2G-2011
Total Arsenic	<5.00	mg/L	5.00	100	01/11/17 01:17	JTR	EPA-200.7
Total Barium	<5.00	mg/L	5.00	100	01/11/17 01:17	JTR	EPA-200.7
Total Cadmium	<1.00	mg/L	1.00	100	01/11/17 01:17	JTR	EPA-200.7
Total Chromium	**153**	mg/L	2.50	100	01/11/17 01:17	JTR	EPA-200.7
Total Copper	**12.7**	mg/L	2.50	100	01/11/17 01:17	JTR	EPA-200.7
Total Lead	<3.00	mg/L	3.00	100	01/11/17 01:17	JTR	EPA-200.7
Mercury (Total)	<0.00020	mg/L	0.00020	1	12/28/16 12:48	KKM	EPA-245.1
Total Selenium	<5.00	mg/L	5.00	100	01/11/17 01:17	JTR	EPA-200.7
Total Silver	<2.50	mg/L	2.50	100	01/11/17 01:17	JTR	EPA-200.7
Total Sodium	**50900**	mg/L	250	100	01/11/17 01:17	JTR	EPA-200.7
Total Zinc	**6.85**	mg/L	5.00	100	01/11/17 01:17	JTR	EPA-200.7
Sulfate	**234000**	mg/L	10000	10000	12/29/16 14:51	BKN	EPA-300.0
Sulfide (Reactivity)	<25.0	mg/L	25.0	1	12/23/16 11:04	GHD	SW-7.3.4

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: **Tetra Tech EM, Inc.**
Project Description: **Chromcraft**
Report No: **16-356-0250**

QC Prep Batch: L316081
QC Prep Batch Method: EPA-200.7 (PREP)
Analysis Method: EPA-200.7
Analysis Description: Total Metals

Lab Reagent Blank LRB-L316081 Matrix: AQU

Associated Lab Samples: 95415, 95417, 95419, 95421, 95423

Parameter	Units	Blank Result	MQL	Analyzed
Total Arsenic	mg/L	< 0.010	0.010	01/12/17 22:01
Total Barium	mg/L	< 0.010	0.010	01/12/17 22:01
Total Cadmium	mg/L	< 0.0020	0.0020	01/12/17 22:01
Total Chromium	mg/L	< 0.005	0.005	01/12/17 22:01
Total Copper	mg/L	< 0.005	0.005	01/12/17 22:01
Total Lead	mg/L	< 0.006	0.006	12/29/16 01:10
Total Selenium	mg/L	< 0.010	0.010	01/12/17 22:01
Total Silver	mg/L	< 0.005	0.005	01/12/17 22:01
Total Sodium	mg/L	< 0.500	0.500	01/12/17 22:01
Total Zinc	mg/L	< 0.010	0.010	01/12/17 22:01

Laboratory Control Sample LCS-L316081

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
Total Arsenic	mg/L	0.100	0.098	98.0	85-115
Total Barium	mg/L	1.00	0.936	93.6	85-115
Total Cadmium	mg/L	0.100	0.0968	96.8	85-115
Total Chromium	mg/L	1.00	1.05	105	85-115
Total Copper	mg/L	1.00	0.917	91.7	85-115
Total Lead	mg/L	0.100	0.095	95.0	85-115
Total Selenium	mg/L	0.100	0.093	93.0	85-115
Total Silver	mg/L	0.100	0.099	99.0	85-115
Total Sodium	mg/L	10.0	9.76	97.6	85-115
Total Zinc	mg/L	1.00	0.962	96.2	85-115

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: Tetra Tech EM, Inc.
Project Description: Chromcraft
Report No: 16-356-0250

QC Prep Batch: L316081
QC Prep Batch Method: EPA-200.7 (PREP)
Analysis Method: EPA-200.7
Analysis Description: Total Metals

Matrix Spike & Matrix Spike Duplicate L 95431-MS-L316081 L 95431-MSD-L316081

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
Total Arsenic	mg/L	< 50.0	0.500	0.500	27.6	27.6	0.0*	0.0*	70-130	0.0	20.0
Total Barium	mg/L	< 0.500	5.00	5.00	5.38	5.39	108	108	70-130	0.1	20.0
Total Cadmium	mg/L	0.135	0.500	0.500	0.730	0.720	119	117	70-130	1.3	20.0
Total Chromium	mg/L	19600	5.00	5.00	20600	20200	20000*	12000*	70-130	1.9	20.0
Total Copper	mg/L	237	5.00	5.00	261	254	480*	340*	70-130	2.7	20.0
Total Lead	mg/L	< 3.00	0.500	0.500	1.97	1.97	0.0*	0.0*	70-130	0.0	20.0
Total Selenium	mg/L	< 0.500	0.500	0.500	0.318	0.318	0.0*	0.0*	70-130	0.0	20.0
Total Silver	mg/L	< 0.250	0.500	0.500	0.575	0.575	115	115	70-130	0.0	20.0
Total Sodium	mg/L	2720	50.0	50.0	2920	2840	400*	240*	70-130	2.7	20.0
Total Zinc	mg/L	8.55	5.00	5.00	12.7	12.6	83.0	81.0	70-130	0.7	20.0

Post Digestion Spike L 95431-PDS-L316081

Parameter	Units	PDS Result	% Recovery	Analyzed
Total Arsenic	mg/L	1.20	96.0	01/03/17 23:40
Total Barium	mg/L	13.2	105	12/30/16 03:16
Total Cadmium	mg/L	1.32	105	12/30/16 03:16
Total Chromium	mg/L	108	97.5	12/30/16 04:52
Total Copper	mg/L	24.0	98.5	12/30/16 03:16
Total Lead	mg/L	1.25	100	12/30/16 03:16
Total Selenium	mg/L	1.26	101	12/30/16 03:16
Total Silver	mg/L	1.28	102	12/30/16 03:16
Total Sodium	mg/L	256	98.0	12/30/16 03:16
Total Zinc	mg/L	12.1	96.5	12/30/16 04:52

* QC Fail

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: **Tetra Tech EM, Inc.**
Project Description: **Chromcraft**
Report No: **16-356-0250**

QC Prep Batch: L316094 **Analysis Method:** EPA-245.1
QC Prep Batch Method: EPA-245.1 (PREP) **Analysis Description:** Mercury

Lab Reagent Blank LRB-L316094 Matrix: AQU

Associated Lab Samples: 95415, 95417, 95419, 95421, 95423

Parameter	Units	Blank Result	MQL	Analyzed
Mercury (Total)	mg/L	< 0.00020	0.00020	12/28/16 12:20

Laboratory Control Sample LCS-L316094

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
Mercury (Total)	mg/L	0.00400	0.00430	108	85-115

Matrix Spike & Matrix Spike Duplicate L 96182-MS-L316094 L 96182-MSD-L316094

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
Mercury (Total)	mg/L	< 0.00020	0.00400	0.00400	0.00430	0.00401	108	100	70-130	6.9	20.0

Post Digestion Spike L 96182-PDS-L316094

Parameter	Units	PDS Result	% Recovery	Analyzed
Mercury (Total)	mg/L	0.00509	102	12/28/16 13:06

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: **Tetra Tech EM, Inc.**
Project Description: **Chromcraft**
Report No: **16-356-0250**

QC Prep Batch: L316321
QC Prep Batch Method: EPA-300.0 (PREP)
Analysis Method: EPA-300.0
Analysis Description: Anions by Ion Chromatography

Lab Reagent Blank LRB-L316321 Matrix: AQU

Associated Lab Samples: 95415, 95417, 95419, 95421, 95423

Parameter	Units	Blank Result	MQL	Analyzed
Sulfate	mg/L	< 1.00	1.00	12/28/16 08:55

Laboratory Control Sample LCS-L316321

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
Sulfate	mg/L	69.4	69.0	99.3	90-110

Matrix Spike & Matrix Spike Duplicate L 96588-MS-L316321 L 96588-MSD-L316321

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
Sulfate	mg/L	2.21	69.4	69.4	72.6	72.8	101	102	80-120	0.2	20.0

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: **Tetra Tech EM, Inc.**
Project Description: **Chromcraft**
Report No: **16-356-0250**

QC Prep Batch: L316484
QC Prep Batch Method: SM-2310B
Analysis Method: 2310B-2011
Analysis Description: Acidity

Duplicate L 95415-DUP

Parameter	Units	Result	DUP Result	RPD	Max RPD	Analyzed
Acidity (as CaCO3)	mg/L	< 100	< 100	0.0	15	12/30/16 10:44

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: **Tetra Tech EM, Inc.**
Project Description: **Chromcraft**
Report No: **16-356-0250**

QC Prep Batch: L316628
QC Prep Batch Method: SM-2320 B
Analysis Method: 2320B-2011
Analysis Description: Alkalinity

Duplicate L 95406-DUP

Parameter	Units	Result	DUP Result	RPD	Max RPD	Analyzed
Alkalinity (as CaCO3)	mg/L	700	700	0.0	10	01/03/17 10:29

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: **Tetra Tech EM, Inc.**
Project Description: **Chromcraft**
Report No: **16-356-0250**

QC Prep Batch: L316019
QC Prep Batch Method: SM-2540B
Analysis Method: 2540B-2011
Analysis Description: Total Solids

Lab Reagent Blank LRB Matrix: AQU

Associated Lab Samples: 95415, 95417, 95419, 95421, 95423

Parameter	Units	Blank Result	MQL	Analyzed
Total Solids	mg/L	< 10	10	12/23/16 13:25

Laboratory Control Sample LCS

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
Total Solids	mg/L	250	259	104	90-110

Duplicate L 95408-DUP

Parameter	Units	Result	DUP Result	RPD	Max RPD	Analyzed
Total Solids	mg/L	364000	412000	12.3*	10	12/23/16 13:25

* QC Fail

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: **Tetra Tech EM, Inc.**
Project Description: **Chromcraft**
Report No: **16-356-0250**

QC Prep Batch: L315671
QC Prep Batch Method: SM-2540D
Analysis Method: 2540D-2011
Analysis Description: Total Suspended Solids

Lab Reagent Blank LRB Matrix: AQU

Associated Lab Samples: 95415, 95417, 95419, 95421, 95423

Parameter	Units	Blank Result	MQL	Analyzed
Total Suspended Solids	mg/L	< 2	2	12/21/16 15:10

Duplicate L 95429-DUP

Parameter	Units	Result	DUP Result	RPD	Max RPD	Analyzed
Total Suspended Solids	mg/L	5	4	22.2*	10	12/21/16 15:10

* QC Fail

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: Tetra Tech EM, Inc.
Project Description: Chromcraft
Report No: 16-356-0250

QC Prep Batch: L316535
QC Prep Batch Method: SM-4500CNE
Analysis Method: 4500CNE-2011
Analysis Description: Total Cyanide

Lab Reagent Blank LRB Matrix: AQU

Associated Lab Samples: 95415, 95417, 95419, 95421, 95423

Parameter	Units	Blank Result	MQL	Analyzed
Cyanide, Total	mg/L	< 0.005	0.005	12/31/16 12:30

Laboratory Control Sample LCS

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
Cyanide, Total	mg/L	0.200	0.190	95.0	90-110

Duplicate L 95811-DUP

Parameter	Units	Result	DUP Result	RPD	Max RPD	Analyzed
Cyanide, Total	mg/L	0.225	0.213	5.4	20.0	12/31/16 12:30

Matrix Spike L 95811-MS

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	%Rec Limits	RPD	Max RPD
Cyanide, Total	mg/L	0.225	0.200		0.389		82.0	70-130		

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: **Tetra Tech EM, Inc.**
Project Description: **Chromcraft**
Report No: **16-356-0250**

QC Prep Batch: L316006 **Analysis Method:** 4500S2G-2011
QC Prep Batch Method: SM-4500S2G **Analysis Description:** Sulfide by ISE

Lab Reagent Blank LRB Matrix: AQU

Associated Lab Samples: 95415, 95417, 95419, 95421, 95423

Parameter	Units	Blank Result	MQL	Analyzed
Sulfide	mg/L	< 1.00	1.00	12/23/16 11:04

Laboratory Control Sample LCS

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
Sulfide	mg/L	5.01	4.58	91.4	80-120

Duplicate G 88977-DUP

Parameter	Units	Result	DUP Result	RPD	Max RPD	Analyzed
Sulfide	mg/L	< 1.00	< 1.00	0.0	20.0	12/23/16 11:04

Matrix Spike G 88977-MS

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	%Rec Limits	RPD	Max RPD
Sulfide	mg/L	< 1.02	2.04		1.98		97.0	70-130		

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: Tetra Tech EM, Inc.
Project Description: Chromcraft
Report No: 16-356-0250

QC Prep Batch: L316754
QC Prep Batch Method: 3005A
Analysis Method: 6010C
Analysis Description: Metals Analysis (TCLP)

Lab Reagent Blank LRB-L316754 Matrix: TCL

Associated Lab Samples: 95414, 95416, 95418, 95420, 95422

Parameter	Units	Blank Result	MQL	Analyzed
TCLP Arsenic	mg/L	< 0.025	0.025	01/12/17 23:00
TCLP Barium	mg/L	< 0.025	0.025	01/12/17 23:00
TCLP Cadmium	mg/L	< 0.005	0.005	01/12/17 23:00
TCLP Chromium	mg/L	< 0.010	0.010	01/13/17 14:29
TCLP Lead	mg/L	< 0.010	0.010	01/13/17 14:29
TCLP Selenium	mg/L	< 0.050	0.050	01/12/17 23:00
TCLP Silver	mg/L	< 0.005	0.005	01/12/17 23:00

Laboratory Control Sample LCS-L316754

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
TCLP Arsenic	mg/L	0.100	0.099	99.0	80-120
TCLP Barium	mg/L	1.00	0.956	95.6	80-120
TCLP Cadmium	mg/L	0.100	0.098	98.0	80-120
TCLP Chromium	mg/L	1.00	1.05	105	80-120
TCLP Lead	mg/L	0.100	0.104	104	80-120
TCLP Selenium	mg/L	0.100	0.094	94.0	80-120
TCLP Silver	mg/L	0.100	0.098	98.0	80-120

Matrix Spike & Matrix Spike Duplicate L 96956-MS-L316754 L 96956-MSD-L316754

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
TCLP Arsenic	mg/L	< 0.025	0.500	0.500	0.517	0.502	103	100	75-125	2.9	20.0
TCLP Barium	mg/L	1.53	5.00	5.00	6.35	6.20	96.4	93.4	75-125	2.3	20.0
TCLP Cadmium	mg/L	< 0.005	0.500	0.500	0.496	0.480	99.2	96.0	75-125	3.2	20.0
TCLP Chromium	mg/L	0.025	5.00	5.00	4.89	4.74	97.3	94.3	75-125	3.1	20.0
TCLP Lead	mg/L	< 0.010	0.500	0.500	0.478	0.465	95.6	93.0	75-125	2.7	20.0

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: **Tetra Tech EM, Inc.**
Project Description: **Chromcraft**
Report No: **16-356-0250**

QC Prep Batch: L316754
QC Prep Batch Method: 3005A
Analysis Method: 6010C
Analysis Description: Metals Analysis (TCLP)

Matrix Spike & Matrix Spike Duplicate L 96956-MS-L316754 L 96956-MSD-L316754

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
TCLP Selenium	mg/L	< 0.050	0.500	0.500	0.551	0.535	110	107	75-125	2.9	20.0
TCLP Silver	mg/L	< 0.005	0.500	0.500	0.502	0.506	100	101	75-125	0.7	20.0

Post Digestion Spike L 96956-PDS-L316754

Parameter	Units	PDS Result	% Recovery	Analyzed
TCLP Arsenic	mg/L	0.249	99.9	01/05/17 03:06
TCLP Barium	mg/L	3.19	97.7	01/05/17 03:06
TCLP Cadmium	mg/L	0.248	99.4	01/05/17 03:06
TCLP Chromium	mg/L	2.51	99.7	01/05/17 03:06
TCLP Lead	mg/L	0.249	99.6	01/06/17 13:15
TCLP Selenium	mg/L	0.258	103	01/05/17 03:06
TCLP Silver	mg/L	0.254	102	01/05/17 03:06

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: **Tetra Tech EM, Inc.**
Project Description: **Chromcraft**
Report No: **16-356-0250**

QC Prep Batch: L316759
QC Prep Batch Method: 7470A
Analysis Method: 7470A
Analysis Description: Total Aqueous Mercury Analysis - CVA

Lab Reagent Blank LRB-L316759 Matrix: TCL

Associated Lab Samples: 95414, 95416, 95418, 95420, 95422

Parameter	Units	Blank Result	MQL	Analyzed
TCLP Mercury	mg/L	< 0.0010	0.0010	01/04/17 12:15

Laboratory Control Sample LCS-L316759

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
TCLP Mercury	mg/L	0.0040	0.0040	100	80-120

Matrix Spike & Matrix Spike Duplicate L 96956-MS-L316759 L 96956-MSD-L316759

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
TCLP Mercury	mg/L	< 0.0200	0.0800	0.0800	0.0816	0.0834	102	104	80-120	2.1	20.0

Post Digestion Spike L 96956-PDS-L316759

Parameter	Units	PDS Result	% Recovery	Analyzed
TCLP Mercury	mg/L	0.104	104	01/04/17 12:48

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Cooler Receipt Form

Customer Number: **06379**
Customer Name: **Tetra Tech EM, Inc.**
Report Number: **16-356-0250**

Shipping Method

○ Fed Ex ○ US Postal ○ Lab ○ Other :
○ UPS ● Client ○ Courier Thermometer ID: #10

Shipping container/cooler uncompromised?	● Yes	○ No	
Number of coolers received	3		
Custody seals intact on shipping container/cooler?	○ Yes	○ No	● Not Required
Custody seals intact on sample bottles?	○ Yes	○ No	● Not Required
Chain of Custody (COC) present?	● Yes	○ No	
COC agrees with sample label(s)?	● Yes	○ No	
COC properly completed	● Yes	○ No	
Samples in proper containers?	● Yes	○ No	
Sample containers intact?	● Yes	○ No	
Sufficient sample volume for indicated test(s)?	● Yes	○ No	
All samples received within holding time?	● Yes	○ No	
Cooler temperature in compliance?	○ Yes	● No	
Cooler/Samples arrived at the laboratory on ice. Samples were considered acceptable as cooling process had begun.	● Yes	○ No	
Water - Sample containers properly preserved	● Yes	○ No	○ N/A
Water - VOA vials free of headspace	○ Yes	○ No	● N/A
Trip Blanks received with VOAs	○ Yes	○ No	● N/A
Soil VOA method 5035 – compliance criteria met	○ Yes	○ No	● N/A

☐ High concentration container (48 hr) ☐ Low concentration EnCore samplers (48 hr)
☐ High concentration pre-weighed (methanol -14 d) ☐ Low conc pre-weighed vials (Sod Bis -14 d)

Special precautions or instructions included?	○ Yes	● No

Comments: Cooler Temps @ 7.7, 8.4, 7.9 degrees C

Any regulatory non-compliance issues will be recorded on non-compliance report.

Signature: Danyale Love Date & Time: 12/21/2016 10:17:12

Waypoint ANALYTICAL

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

Kit ID:	0000074505
Initiated By:	Randy Thomas
Project Commment	

CHAIN-OF-CUSTODY

16-356-0250
06379
12-21-2016
10:16:48
Tetra Tech EM, Inc.
Chromcraft

Company Name	Company Number	Client Project Manager/Contact	Purchase Order Number
Tetra Tech EM, Inc.	06379	Tetra Tech EM, Inc.	
Site Name	**Project Number**	☐ RUSH – Additional charges apply ☐ Special Detection Limits(s) Date Results Needed	**Method of Shipment** ☐ Fed Ex ☐ UPS ☐ USPS ☐ Courier ☑ Client Drop Off Other
Chromecraft	103X90270106		
LIMS Project ID	**Project Manager Phone #**	**Project Manager Email**	**Site/Facility ID #**
Tetra Tech - Chromcraft	Todd Taylor 615-992-5556 (687) 775-3104	todd.Taylor@tetratech.com	

Date	Time	Sample ID	Matrix	Grab/ Comp	# of Cont	Container Type	Preservation	Analyses
12/20/16	09:10	V1 1220160910	Aqueous	G	3	Plastic - Quart	NONE	TCLP Metals/TSS/TS/SS/SO4/pH/Alk/Acid
12/20/16	09:30	V2 1220160930	Aqueous	G	1	Plastic - Pint	NaOH - Sodium Hydroxide	CNA/CNT
12/20/16	09:16	V1 1220160910	Aqueous	G	1	Plastic - Pint	HNO3 - Nitric Acid	RCRA Metals/Cu/Na/Zn
12/20/16	09:16	V1 1220160910	Aqueous	G	1	Plastic - Pint	ZnAc+NaOH - Zinc Acetate+Sodium Hydroxide	Total & React Sulfide
12/20/16	09:30	V2 1220160930	Aqueous	G	3	Plastic - Quart	NONE	TCLP Metals/TSS/TS/SS/SO4/pH/Alk/Acid
12/20/16	09:30	V2 1220160930	Aqueous	G	1	Plastic - Pint	NaOH - Sodium Hydroxide	CNA/CNT
12/20/16	09:30	V2 1220160930	Aqueous	G	1	Plastic - Pint	HNO3 - Nitric Acid	RCRA Metals/Cu/Na/Zn

For Laboratory Use Only			Sampled by (Name - Print)	Client Remarks/Comments		
Ice Y/N	Custody Seals Y/N	Lab Comments	Todd Taylor			
		Approval to analyze per Todd Taylor. 12/21/16	Relinquished by: (SIGNATURE) Todd Taylor	Date Time 12/20/16	Received by: (SIGNATURE)	Date Time
Blank/Cooler Temp 7.7°, 8.4, 7.9°C TIOBS			Relinquished by: (SIGNATURE)	Date Time	Received by: (SIGNATURE)	Date Time
			Relinquished by: (SIGNATURE)	Date Time	Received by: (SIGNATURE) S Cook	Date Time 12/20/16 1830

Waypoint ANALYTICAL

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

Kit ID:	0000074505
Initiated By:	Randy Thomas
Project Commment	

CHAIN-OF-CUSTODY

Tetra Tech EM, Inc.
Chromcraft
16-356-0250
06379
12-21-2016
10:16:48

Company Name	Company Number	Client Project Manager/Contact	Purchase Order Number
Tetra Tech EM, Inc.	06379	Tetra Tech EM, Inc.	
Site Name	**Project Number**	☐ RUSH – Additional charges apply ☐ Special Detection Limits(s) Date Results Needed	**Method of Shipment** ☐ Fed Ex ☐ UPS ☐ USPS ☐ Courier ☒ Client Drop Off Other
Chromecraft	103X902701061		
LIMS Project ID	**Project Manager Phone #**	**Project Manager Email**	**Site/Facility ID #**
Tetra Tech - Chromcraft	Todd Taylor 615-992-5556 (687) 775-3104	todd.Taylor@tetratech.com	

Date	Time	Sample ID	Matrix	Grab/ Comp	# of Cont	Container Type	Preservation	Analyses
12/20/16	0930 ~~10:25~~	~~V2122016 1025~~ TAT V2122016 0930	Aqueous	G	1	Plastic - Pint	ZnAc+NaOH - Zinc Acetate+Sodium Hydroxide	Total & React Sulfide
12/20/16	10:25	V3122016 1025	Aqueous	G	3	Plastic - Quart	NONE	TCLP Metals/TSS/TS/SS/SO4/pH/Alk/Acid
12/20/16	10:25	V3122016 1025	Aqueous	G	1	Plastic - Pint	NaOH - Sodium Hydroxide	CNA/CNT
12/20/16	10:25	V3 122016 1025	Aqueous	G	1	Plastic - Pint	HNO3 - Nitric Acid	RCRA Metals/Cu/Na/Zn
12/20/16	10:25	V3 122016 1025	Aqueous	G	1	Plastic - Pint	ZnAc+NaOH - Zinc Acetate+Sodium Hydroxide	Total & React Sulfide
12/20/16	10:40	V4 122016 1040	Aqueous	G	3	Plastic - Quart	NONE	TCLP Metals/TSS/TS/SS/SO4/pH/Alk/Acid
12/20/16	10:40	V4 122016 1040	Aqueous	G	1	Plastic - Pint	NaOH - Sodium Hydroxide	CNA/CNT

For Laboratory Use Only			Sampled by (Name - Print)	Client Remarks/Comments		
Ice	Custody Seals	Lab Comments	Todd Taylor			
Y/N	Y/N		Relinquished by: (SIGNATURE)	Date Time	Received by: (SIGNATURE)	Date Time
			Todd Taylor	12/20/16		
Blank/Cooler Temp			Relinquished by: (SIGNATURE)	Date Time	Received by: (SIGNATURE)	Date Time
1.7, 8.4, 7.9°C T10B5			Relinquished by: (SIGNATURE)	Date Time	Received by: (SIGNATURE)	Date Time
					S. Cook	12/20/16 1830

2/3

Waypoint ANALYTICAL

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440

Kit ID:	0000074505
Initiated By:	Randy Thomas
Project Commment	

CHAIN-OF-CUS

16-356-0250
06379
12-21-2016
10:16:48
Tetra Tech EM. Inc.
Chromcraft

Company Name	Company Number	Client Project Manager/Contact	Purchase Order Number
Tetra Tech EM, Inc.	06379	Tetra Tech EM, Inc.	
Site Name	**Project Number**	☐ RUSH – Additional charges apply ☐ Special Detection Limits(s) Date Results Needed	**Method of Shipment** ☐ Fed Ex ☐ UPS ☐ USPS ☐ Courier ☐ Client Drop Off Other
LIMS Project ID	**Project Manager Phone #**	**Project Manager Email**	**Site/Facility ID #**
Tetra Tech - Chromcraft	(687) 775-3104		

Date	Time	Sample ID	Matrix	Grab/ Comp	# of Cont	Container Type	Preservation	Analyses
12/20/16	10:40	V4 1220161040	Aqueous	G	1	Plastic - Pint	HNO3 - Nitric Acid	RCRA Metals/Cu/Na/Zn
12/20/16	10:40	V4 1220161040	Aqueous	G	1	Plastic - Pint	ZnAc+NaOH - Zinc Acetate+Sodium Hydroxide	Total & React Sulfide
12/20/16	11:15	V8 1220161115	Aqueous	G	3	Plastic - Quart	NONE	TCLP Metals/TSS/TS/SS/SO4/pH/Alk/Acid
12/20/16	11:15	V8 1220161115	Aqueous	G	1	Plastic - Pint	NaOH - Sodium Hydroxide	CNA/CNT
12/20/16	11:15	V8 1220161115	Aqueous	G	1	Plastic - Pint	HNO3 - Nitric Acid	RCRA Metals/Cu/Na/Zn
12/20/16	11:15	V8 1220161115	Aqueous	G	1	Plastic - Pint	ZnAc+NaOH - Zinc Acetate+Sodium Hydroxide	Total & React Sulfide

For Laboratory Use Only			Sampled by (Name - Print)	Client Remarks/Comments			
Ice Y/N	Custody Seals Y/N	Lab Comments	Todd D				
			Relinquished by: (SIGNATURE) Todd D	Date Time	Received by: (SIGNATURE)	Date Time	
			Relinquished by: (SIGNATURE)	Date Time	Received by: (SIGNATURE)	Date Time	
Blank/Cooler Temp T.T°, 8.4, 7.9 °CT10BS			Relinquished by: (SIGNATURE)	Date Time	Received by: (SIGNATURE) S. Cook	Date Time 12/20/16 1830	

3/3

Waypoint ANALYTICAL

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

1/13/2017

Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth, GA, 30096

Ref: Analytical Testing
Lab Report Number: 16-356-0250
Client Project Description: Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061
Project Number: 103X902701058

Dear Mr. Todd Taylor:
Waypoint Analytical, Inc. received sample(s) on 12/21/2016 for the analyses presented in the following report.

The above referenced project has been analyzed per your instructions. The analyses were performed in accordance with the applicable analytical method.

The analytical data has been validated using standard quality control measures performed as required by the analytical method. Quality Assurance, method validations, instrumentation maintenance and calibration for all parameters (NELAP and non-NELAP) were performed in accordance with guidelines established by the USEPA (including 40 CFR 136 Method Update Rule May 2012) and NELAC unless otherwise indicated. Any parameter for which the laboratory is not officially NELAP accredited is indicated by a '~' symbol. These are not included in the scope because NELAP accreditation is either not available or has not been applied for. Additional certifications may be held/are available for parameters, where NELAP accreditation is not required or applicable. A full list of certifications is available upon request.

Certain parameters (chlorine, pH, dissolved oxygen, sulfite...) are required to be analyzed within 15 minutes of sampling. Usually, but not always, any field parameter analyzed at the laboratory is outside of this holding time. Refer to sample analysis time for confirmation of holding time compliance.

The results are shown on the attached Report of Analysis(s). Results for solid matrices are reported on an as-received basis unless otherwise indicated. This report shall not be reproduced except in full and relates only to the samples included in this report.

Please do not hesitate to contact me or client services if you have any questions or need additional information.

Sincerely,

Randell H. Thomas

Randy Thomas
Project Manager

Laboratory's liability in any claim relating to analyses performed shall be limited to, at laboratory's option, repeating the analysis in question at laboratory's expense, or the refund of the charges paid for performance of said analysis.

Alabama	#40750	Louisiana	#04015	VA NELAP	#460181	Texas	#T104704180-11-6	Arkansas	#88-0650
Mississippi		California	#2904	NC	#415	Oklahoma	#9311	Virginia	#00106
Kentucky	#90047	Tennessee	#TN02027	EPA	#TN00012	Kentucky UST	#41		

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Non-Compliance Login Summary Report

Incident Date: 12-21-2016 10:36 am
Report number: 16-356-0250 Lab Number(s): L95415, L95417, L95419, L95421, L95423
Customer number: 06379
Customer Name: Tetra Tech EM, Inc.
Contact Name: Tetra Tech EM, Inc.
Project ID: Tetra Tech - Chromcraft

This Non-Compliance Report has been generated because proper EPA protocol was not followed for the above referenced sample(s). This means that the data generated from the analysis of this project may not be suitable for Regulatory compliance.

This report should be included with any data submitted to a Regulatory Agency. The actual problems encountered are listed below.

Description of Login Non-Compliance

☑ **Sample Temperature Non-compliant**
Cooler Temperature: 7.7,8.4,7.9 degrees Celsius
Required Temperature: < 6 degrees Celsius

☐ **Sample Received in Improper Container**
Analysis:
Received Container:
Required Container:

☐ **Sample Improperly Preserved**
Analysis:
Received Preservative:
Required Preservative:

☐ **Sample Received Outside Holding Time** Date Received: 12-21-2016 00:00
Analysis:
Sampled Date and Time:
Required Holding Time:

Other:

Corrective Action

Client Notified: ● Yes ○ No Date Client Notified: 12/21/16 Contact Name: Todd Taylor
Client Directive:

Approval to analyze per Todd Taylor

Initiated By: Danyale Love Project manager: Randall Thomas QAO: Richard Medina

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Sample Summary Table

Report Number: **16-356-0250**

Client Project Description: **Chromcraft**
1 Quality Dr., Senatobia, MS
Project #103902701061

Lab No	Client Sample ID	Matrix	Date Collected	Date Received	Method	Lab ID
95414	V11220160910	Solid	12/20/2016 09:10	12/21/2016	6010C	WTN
95414	V11220160910	Solid	12/20/2016 09:10	12/21/2016	7470A	WTN
95414	V11220160910	Solid	12/20/2016 09:10	12/21/2016	SW-1311	WTN
95415	V11220160910	Aqueous	12/20/2016 09:10	12/21/2016	2310B-2011	WTN
95415	V11220160910	Aqueous	12/20/2016 09:10	12/21/2016	2320B-2011	WTN
95415	V11220160910	Aqueous	12/20/2016 09:10	12/21/2016	2540B-2011	WTN
95415	V11220160910	Aqueous	12/20/2016 09:10	12/21/2016	2540D-2011	WTN
95415	V11220160910	Aqueous	12/20/2016 09:10	12/21/2016	2540F-2011	WTN
95415	V11220160910	Aqueous	12/20/2016 09:10	12/21/2016	4500CNE-2011	WTN
95415	V11220160910	Aqueous	12/20/2016 09:10	12/21/2016	4500CNG-2011	WTN
95415	V11220160910	Aqueous	12/20/2016 09:10	12/21/2016	4500H+B-2011	WTN
95415	V11220160910	Aqueous	12/20/2016 09:10	12/21/2016	4500S2G-2011	WTN
95415	V11220160910	Aqueous	12/20/2016 09:10	12/21/2016	EPA-200.7	WTN
95415	V11220160910	Aqueous	12/20/2016 09:10	12/21/2016	EPA-245.1	WTN
95415	V11220160910	Aqueous	12/20/2016 09:10	12/21/2016	EPA-300.0	WTN
95415	V11220160910	Aqueous	12/20/2016 09:10	12/21/2016	SW-7.3.4	WTN
95416	V21220160930	Solid	12/20/2016 09:30	12/21/2016	6010C	WTN
95416	V21220160930	Solid	12/20/2016 09:30	12/21/2016	7470A	WTN
95416	V21220160930	Solid	12/20/2016 09:30	12/21/2016	SW-1311	WTN
95417	V21220160930	Aqueous	12/20/2016 09:30	12/21/2016	2310B-2011	WTN
95417	V21220160930	Aqueous	12/20/2016 09:30	12/21/2016	2320B-2011	WTN
95417	V21220160930	Aqueous	12/20/2016 09:30	12/21/2016	2540B-2011	WTN
95417	V21220160930	Aqueous	12/20/2016 09:30	12/21/2016	2540D-2011	WTN
95417	V21220160930	Aqueous	12/20/2016 09:30	12/21/2016	2540F-2011	WTN
95417	V21220160930	Aqueous	12/20/2016 09:30	12/21/2016	4500CNE-2011	WTN
95417	V21220160930	Aqueous	12/20/2016 09:30	12/21/2016	4500CNG-2011	WTN

WTN: Waypoint Analytical, Inc.

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Sample Summary Table

Report Number: **16-356-0250**

Client Project Description: **Chromcraft**
1 Quality Dr., Senatobia, MS
Project #103902701061

Lab No	Client Sample ID	Matrix	Date Collected	Date Received	Method	Lab ID
95417	V21220160930	Aqueous	12/20/2016 09:30	12/21/2016	4500H+B-2011	WTN
95417	V21220160930	Aqueous	12/20/2016 09:30	12/21/2016	4500S2G-2011	WTN
95417	V21220160930	Aqueous	12/20/2016 09:30	12/21/2016	EPA-200.7	WTN
95417	V21220160930	Aqueous	12/20/2016 09:30	12/21/2016	EPA-245.1	WTN
95417	V21220160930	Aqueous	12/20/2016 09:30	12/21/2016	EPA-300.0	WTN
95417	V21220160930	Aqueous	12/20/2016 09:30	12/21/2016	SW-7.3.4	WTN
95418	V31220161025	Solid	12/20/2016 10:25	12/21/2016	6010C	WTN
95418	V31220161025	Solid	12/20/2016 10:25	12/21/2016	7470A	WTN
95418	V31220161025	Solid	12/20/2016 10:25	12/21/2016	SW-1311	WTN
95419	V31220161025	Aqueous	12/20/2016 10:25	12/21/2016	2310B-2011	WTN
95419	V31220161025	Aqueous	12/20/2016 10:25	12/21/2016	2320B-2011	WTN
95419	V31220161025	Aqueous	12/20/2016 10:25	12/21/2016	2540B-2011	WTN
95419	V31220161025	Aqueous	12/20/2016 10:25	12/21/2016	2540D-2011	WTN
95419	V31220161025	Aqueous	12/20/2016 10:25	12/21/2016	2540F-2011	WTN
95419	V31220161025	Aqueous	12/20/2016 10:25	12/21/2016	4500CNE-2011	WTN
95419	V31220161025	Aqueous	12/20/2016 10:25	12/21/2016	4500CNG-2011	WTN
95419	V31220161025	Aqueous	12/20/2016 10:25	12/21/2016	4500H+B-2011	WTN
95419	V31220161025	Aqueous	12/20/2016 10:25	12/21/2016	4500S2G-2011	WTN
95419	V31220161025	Aqueous	12/20/2016 10:25	12/21/2016	EPA-200.7	WTN
95419	V31220161025	Aqueous	12/20/2016 10:25	12/21/2016	EPA-245.1	WTN
95419	V31220161025	Aqueous	12/20/2016 10:25	12/21/2016	EPA-300.0	WTN
95419	V31220161025	Aqueous	12/20/2016 10:25	12/21/2016	SW-7.3.4	WTN
95420	V41220161040	Solid	12/20/2016 10:40	12/21/2016	6010C	WTN
95420	V41220161040	Solid	12/20/2016 10:40	12/21/2016	7470A	WTN
95420	V41220161040	Solid	12/20/2016 10:40	12/21/2016	SW-1311	WTN
95421	V41220161040	Aqueous	12/20/2016 10:40	12/21/2016	2310B-2011	WTN

WTN: Waypoint Analytical, Inc.

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Sample Summary Table

Report Number: **16-356-0250**

Client Project Description: **Chromcraft**
1 Quality Dr., Senatobia, MS
Project #103902701061

Lab No	Client Sample ID	Matrix	Date Collected	Date Received	Method	Lab ID
95421	V41220161040	Aqueous	12/20/2016 10:40	12/21/2016	2320B-2011	WTN
95421	V41220161040	Aqueous	12/20/2016 10:40	12/21/2016	2540B-2011	WTN
95421	V41220161040	Aqueous	12/20/2016 10:40	12/21/2016	2540D-2011	WTN
95421	V41220161040	Aqueous	12/20/2016 10:40	12/21/2016	2540F-2011	WTN
95421	V41220161040	Aqueous	12/20/2016 10:40	12/21/2016	4500CNE-2011	WTN
95421	V41220161040	Aqueous	12/20/2016 10:40	12/21/2016	4500CNG-2011	WTN
95421	V41220161040	Aqueous	12/20/2016 10:40	12/21/2016	4500H+B-2011	WTN
95421	V41220161040	Aqueous	12/20/2016 10:40	12/21/2016	4500S2G-2011	WTN
95421	V41220161040	Aqueous	12/20/2016 10:40	12/21/2016	EPA-200.7	WTN
95421	V41220161040	Aqueous	12/20/2016 10:40	12/21/2016	EPA-245.1	WTN
95421	V41220161040	Aqueous	12/20/2016 10:40	12/21/2016	EPA-300.0	WTN
95421	V41220161040	Aqueous	12/20/2016 10:40	12/21/2016	SW-7.3.4	WTN
95422	V81220161115	Solid	12/20/2016 11:15	12/21/2016	6010C	WTN
95422	V81220161115	Solid	12/20/2016 11:15	12/21/2016	7470A	WTN
95422	V81220161115	Solid	12/20/2016 11:15	12/21/2016	SW-1311	WTN
95423	V81220161115	Aqueous	12/20/2016 11:15	12/21/2016	2310B-2011	WTN
95423	V81220161115	Aqueous	12/20/2016 11:15	12/21/2016	2320B-2011	WTN
95423	V81220161115	Aqueous	12/20/2016 11:15	12/21/2016	2540B-2011	WTN
95423	V81220161115	Aqueous	12/20/2016 11:15	12/21/2016	2540D-2011	WTN
95423	V81220161115	Aqueous	12/20/2016 11:15	12/21/2016	2540F-2011	WTN
95423	V81220161115	Aqueous	12/20/2016 11:15	12/21/2016	4500CNE-2011	WTN
95423	V81220161115	Aqueous	12/20/2016 11:15	12/21/2016	4500CNG-2011	WTN
95423	V81220161115	Aqueous	12/20/2016 11:15	12/21/2016	4500H+B-2011	WTN
95423	V81220161115	Aqueous	12/20/2016 11:15	12/21/2016	4500S2G-2011	WTN
95423	V81220161115	Aqueous	12/20/2016 11:15	12/21/2016	EPA-200.7	WTN
95423	V81220161115	Aqueous	12/20/2016 11:15	12/21/2016	EPA-245.1	WTN

WTN: Waypoint Analytical, Inc.

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Sample Summary Table

Report Number: **16-356-0250**

Client Project Description: **Chromcraft**
1 Quality Dr., Senatobia, MS
Project #103902701061

Lab No	Client Sample ID	Matrix	Date Collected	Date Received	Method	Lab ID
95423	V81220161115	Aqueous	12/20/2016 11:15	12/21/2016	EPA-300.0	WTN
95423	V81220161115	Aqueous	12/20/2016 11:15	12/21/2016	SW-7.3.4	WTN

WTN: Waypoint Analytical, Inc.

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 01/13/2017
Received : 12/21/2016

Randell H. Thomas
Randy Thomas
Project Manager

Report Number : **16-356-0250**

REPORT OF ANALYSIS

Lab No : **95414**
Sample ID : **V11220160910**

Matrix: **Solid**
Sampled: **12/20/2016 9:10**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
TCLP Metals Extraction	**Filtrate**			1	01/03/17 14:07	SAJ	SW-1311

Analytical Method: 6010C **Prep Batch(es):** **L316754** 01/04/17 08:25
Prep Method: 3005A

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Arsenic	<12.5	mg/L	12.5	100	01/12/17 23:19	JTR	L317836
TCLP Barium	<12.5	mg/L	12.5	100	01/12/17 23:19	JTR	L317836
TCLP Cadmium	<2.50	mg/L	2.50	100	01/12/17 23:19	JTR	L317836
TCLP Chromium	**532**	mg/L	5.00	100	01/12/17 23:19	JTR	L317836
TCLP Lead	<5.00	mg/L	5.00	100	01/13/17 13:00	CCR	L317919
TCLP Selenium	<25.0	mg/L	25.0	100	01/12/17 23:19	JTR	L317836
TCLP Silver	<2.50	mg/L	2.50	100	01/12/17 23:19	JTR	L317836

Analytical Method: 7470A **Prep Batch(es):** **L316759** 01/04/17 08:45
Prep Method: 7470A

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Mercury	<0.0200	mg/L	0.0200	1	01/04/17 12:18	KKM	L316849

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 01/13/2017
Received : 12/21/2016

Randell H. Thomas
Randy Thomas
Project Manager

Report Number : **16-356-0250**

REPORT OF ANALYSIS

Lab No : **95415**
Sample ID : **V11220160910**

Matrix: **Aqueous**
Sampled: **12/20/2016 9:10**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Acidity (as CaCO3)	<100	mg/L	100	1	12/30/16 10:44	DB2	2310B-2011
Alkalinity (as CaCO3)	**80500**	mg/L	100	1	01/03/17 10:29	DB2	2320B-2011
Cyanide, Amenable	**13.0**	mg/L	10.0	1000	01/02/17 12:07	EWB	4500CNG-2011
Cyanide, Total	**13.8**	mg/L	10.0	1000	12/31/16 12:30	EWB	4500CNE-2011
pH	**10.7**	s.u.		1	12/21/16 14:25	WRO	4500H+B-2011
Total Settleable Solids	**2.0**	mL/L	0.1	1	12/21/16 11:26	EWB	2540F-2011
Total Solids	**231000**	mg/L	33	1	12/23/16 13:25	GHD	2540B-2011
Total Suspended Solids	**490**	mg/L	5	1	12/21/16 15:10	KGL	2540D-2011
Sulfide	<25.0	mg/L	25.0	25	12/23/16 11:04	GHD	4500S2G-2011
Total Arsenic	<5.00	mg/L	5.00	100	01/12/17 22:29	JTR	EPA-200.7
Total Barium	<5.00	mg/L	5.00	100	01/12/17 22:29	JTR	EPA-200.7
Total Cadmium	<1.00	mg/L	1.00	100	01/12/17 22:29	JTR	EPA-200.7
Total Chromium	**561**	mg/L	2.50	100	01/12/17 22:29	JTR	EPA-200.7
Total Copper	**2.60**	mg/L	2.50	100	01/12/17 22:29	JTR	EPA-200.7
Total Lead	<3.00	mg/L	3.00	100	01/13/17 14:01	CCR	EPA-200.7
Mercury (Total)	<0.00100	mg/L	0.00100	1	12/28/16 12:37	KKM	EPA-245.1
Total Selenium	<5.00	mg/L	5.00	100	01/12/17 22:29	JTR	EPA-200.7
Total Silver	<2.50	mg/L	2.50	100	01/12/17 22:29	JTR	EPA-200.7
Total Sodium	**42800**	mg/L	250	100	01/12/17 22:29	JTR	EPA-200.7
Total Zinc	<5.00	mg/L	5.00	100	01/12/17 22:29	JTR	EPA-200.7
Sulfate	**1500**	mg/L	100	100	12/28/16 12:06	BKN	EPA-300.0
Sulfide (Reactivity)	<25.0	mg/L	25.0	1	12/23/16 11:04	GHD	SW-7.3.4

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 01/13/2017
Received : 12/21/2016

Randell H. Thomas
Randy Thomas
Project Manager

Report Number : **16-356-0250**

REPORT OF ANALYSIS

Lab No : **95416**
Sample ID : **V21220160930**

Matrix: **Solid**
Sampled: **12/20/2016 9:30**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
TCLP Metals Extraction	**Filtrate**			1	01/03/17 14:07	SAJ	SW-1311

Analytical Method: 6010C **Prep Batch(es):** **L316754** 01/04/17 08:25
Prep Method: 3005A

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Arsenic	<12.5	mg/L	12.5	100	01/12/17 23:24	JTR	L317836
TCLP Barium	<12.5	mg/L	12.5	100	01/12/17 23:24	JTR	L317836
TCLP Cadmium	<2.50	mg/L	2.50	100	01/12/17 23:24	JTR	L317836
TCLP Chromium	**166**	mg/L	5.00	100	01/12/17 23:24	JTR	L317836
TCLP Lead	<5.00	mg/L	5.00	100	01/13/17 13:05	CCR	L317919
TCLP Selenium	<25.0	mg/L	25.0	100	01/12/17 23:24	JTR	L317836
TCLP Silver	<2.50	mg/L	2.50	100	01/12/17 23:24	JTR	L317836

Analytical Method: 7470A **Prep Batch(es):** **L316759** 01/04/17 08:45
Prep Method: 7470A

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Mercury	<0.0200	mg/L	0.0200	1	01/04/17 12:20	KKM	L316849

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 01/13/2017
Received : 12/21/2016

Randell H. Thomas
Randy Thomas
Project Manager

Report Number : **16-356-0250**

REPORT OF ANALYSIS

Lab No : **95417**
Sample ID : **V21220160930**

Matrix: **Aqueous**
Sampled: **12/20/2016 9:30**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Acidity (as CaCO3)	<100	mg/L	100	1	12/30/16 10:44	DB2	2310B-2011
Alkalinity (as CaCO3)	**67500**	mg/L	100	1	01/03/17 10:29	DB2	2320B-2011
Cyanide, Amenable	<10.0	mg/L	10.0	1000	01/02/17 12:07	EWB	4500CNG-2011
Cyanide, Total	<10.0	mg/L	10.0	1000	12/31/16 12:30	EWB	4500CNE-2011
pH	**10.3**	s.u.		1	12/21/16 14:25	WRO	4500H+B-2011
Total Settleable Solids	<0.1	mL/L	0.1	1	12/21/16 11:26	EWB	2540F-2011
Total Solids	**66500**	mg/L	43	1	12/23/16 13:25	GHD	2540B-2011
Total Suspended Solids	**315**	mg/L	11	1	12/21/16 15:10	KGL	2540D-2011
Sulfide	<25.0	mg/L	25.0	25	12/23/16 11:04	GHD	4500S2G-2011
Total Arsenic	<5.00	mg/L	5.00	100	01/12/17 22:33	JTR	EPA-200.7
Total Barium	<5.00	mg/L	5.00	100	01/12/17 22:33	JTR	EPA-200.7
Total Cadmium	<1.00	mg/L	1.00	100	01/12/17 22:33	JTR	EPA-200.7
Total Chromium	**179**	mg/L	2.50	100	01/12/17 22:33	JTR	EPA-200.7
Total Copper	<2.50	mg/L	2.50	100	01/12/17 22:33	JTR	EPA-200.7
Total Lead	<3.00	mg/L	3.00	100	01/13/17 14:06	CCR	EPA-200.7
Mercury (Total)	<0.00100	mg/L	0.00100	1	12/28/16 12:42	KKM	EPA-245.1
Total Selenium	<5.00	mg/L	5.00	100	01/12/17 22:33	JTR	EPA-200.7
Total Silver	<2.50	mg/L	2.50	100	01/12/17 22:33	JTR	EPA-200.7
Total Sodium	**16800**	mg/L	250	100	01/12/17 22:33	JTR	EPA-200.7
Total Zinc	<5.00	mg/L	5.00	100	01/12/17 22:33	JTR	EPA-200.7
Sulfate	**640**	mg/L	100	100	12/28/16 12:16	BKN	EPA-300.0
Sulfide (Reactivity)	<25.0	mg/L	25.0	1	12/23/16 11:04	GHD	SW-7.3.4

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 01/13/2017
Received : 12/21/2016

Randell H. Thomas
Randy Thomas
Project Manager

Report Number : **16-356-0250**

REPORT OF ANALYSIS

Lab No : **95418**
Sample ID : **V31220161025**

Matrix: **Solid**
Sampled: **12/20/2016 10:25**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
TCLP Metals Extraction	**Filtrate**			1	01/03/17 14:07	SAJ	SW-1311

Analytical Method: 6010C **Prep Batch(es):** **L316754** 01/04/17 08:25
Prep Method: 3005A

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Arsenic	<12.5	mg/L	12.5	100	01/12/17 23:28	JTR	L317836
TCLP Barium	<12.5	mg/L	12.5	100	01/12/17 23:28	JTR	L317836
TCLP Cadmium	<2.50	mg/L	2.50	100	01/12/17 23:28	JTR	L317836
TCLP Chromium	**122**	mg/L	5.00	100	01/12/17 23:28	JTR	L317836
TCLP Lead	<5.00	mg/L	5.00	100	01/13/17 13:10	CCR	L317919
TCLP Selenium	<25.0	mg/L	25.0	100	01/12/17 23:28	JTR	L317836
TCLP Silver	<2.50	mg/L	2.50	100	01/12/17 23:28	JTR	L317836

Analytical Method: 7470A **Prep Batch(es):** **L316759** 01/04/17 08:45
Prep Method: 7470A

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Mercury	<0.0200	mg/L	0.0200	1	01/04/17 12:22	KKM	L316849

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 01/13/2017
Received : 12/21/2016

Randell H. Thomas
Randy Thomas
Project Manager

Report Number : **16-356-0250**

REPORT OF ANALYSIS

Lab No : **95419**
Sample ID : **V31220161025**

Matrix: **Aqueous**
Sampled: **12/20/2016 10:25**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Acidity (as CaCO3)	<100	mg/L	100	1	12/30/16 10:44	DB2	2310B-2011
Alkalinity (as CaCO3)	**65000**	mg/L	100	1	01/03/17 10:29	DB2	2320B-2011
Cyanide, Amenable	<10.0	mg/L	10.0	1000	01/02/17 12:07	EWB	4500CNG-2011
Cyanide, Total	<10.0	mg/L	10.0	1000	12/31/16 12:30	EWB	4500CNE-2011
pH	**10.6**	s.u.		1	12/21/16 14:25	WRO	4500H+B-2011
Total Settleable Solids	**36.0**	mL/L	0.1	1	12/21/16 11:26	EWB	2540F-2011
Total Solids	**78300**	mg/L	66	1	12/23/16 13:25	GHD	2540B-2011
Total Suspended Solids	**160**	mg/L	5	1	12/21/16 15:10	KGL	2540D-2011
Sulfide	<25.0	mg/L	25.0	25	12/23/16 11:04	GHD	4500S2G-2011
Total Arsenic	<5.00	mg/L	5.00	100	01/12/17 22:38	JTR	EPA-200.7
Total Barium	<5.00	mg/L	5.00	100	01/12/17 22:38	JTR	EPA-200.7
Total Cadmium	<1.00	mg/L	1.00	100	01/12/17 22:38	JTR	EPA-200.7
Total Chromium	**141**	mg/L	2.50	100	01/12/17 22:38	JTR	EPA-200.7
Total Copper	<2.50	mg/L	2.50	100	01/12/17 22:38	JTR	EPA-200.7
Total Lead	<3.00	mg/L	3.00	100	01/13/17 14:11	CCR	EPA-200.7
Mercury (Total)	<0.00100	mg/L	0.00100	1	12/28/16 12:44	KKM	EPA-245.1
Total Selenium	<5.00	mg/L	5.00	100	01/12/17 22:38	JTR	EPA-200.7
Total Silver	<2.50	mg/L	2.50	100	01/12/17 22:38	JTR	EPA-200.7
Total Sodium	**32700**	mg/L	250	100	01/12/17 22:38	JTR	EPA-200.7
Total Zinc	<5.00	mg/L	5.00	100	01/12/17 22:38	JTR	EPA-200.7
Sulfate	**496**	mg/L	100	100	12/28/16 12:25	BKN	EPA-300.0
Sulfide (Reactivity)	<25.0	mg/L	25.0	1	12/23/16 11:04	GHD	SW-7.3.4

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 01/13/2017
Received : 12/21/2016

Randell H. Thomas
Randy Thomas
Project Manager

Report Number : **16-356-0250**

REPORT OF ANALYSIS

Lab No : **95420**
Sample ID : **V41220161040**

Matrix: **Solid**
Sampled: **12/20/2016 10:40**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
TCLP Metals Extraction	**Filtrate**			1	01/03/17 14:07	SAJ	SW-1311

Analytical Method: 6010C **Prep Batch(es):** **L316754** 01/04/17 08:25
Prep Method: 3005A

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Arsenic	<12.5	mg/L	12.5	100	01/11/17 01:03	JTR	L317712
TCLP Barium	<12.5	mg/L	12.5	100	01/11/17 01:03	JTR	L317712
TCLP Cadmium	<2.50	mg/L	2.50	100	01/11/17 01:03	JTR	L317712
TCLP Chromium	**1190**	mg/L	5.00	100	01/11/17 01:03	JTR	L317712
TCLP Lead	**9.60**	mg/L	5.00	100	01/11/17 01:03	JTR	L317712
TCLP Selenium	<25.0	mg/L	25.0	100	01/11/17 01:03	JTR	L317712
TCLP Silver	<2.50	mg/L	2.50	100	01/11/17 01:03	JTR	L317712

Analytical Method: 7470A **Prep Batch(es):** **L316759** 01/04/17 08:45
Prep Method: 7470A

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Mercury	<0.0200	mg/L	0.0200	1	01/04/17 12:24	KKM	L316849

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 01/13/2017
Received : 12/21/2016

Randy Thomas
Project Manager

Report Number : **16-356-0250**

REPORT OF ANALYSIS

Lab No : **95421**
Sample ID : **V41220161040**

Matrix: **Aqueous**
Sampled: **12/20/2016 10:40**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Acidity (as CaCO3)	<100	mg/L	100	1	12/30/16 10:44	DB2	2310B-2011
Alkalinity (as CaCO3)	**52000**	mg/L	100	1	01/03/17 10:29	DB2	2320B-2011
Cyanide, Amenable	<10.0	mg/L	10.0	1000	01/02/17 12:07	EWB	4500CNG-2011
Cyanide, Total	<10.0	mg/L	10.0	1000	12/31/16 12:30	EWB	4500CNE-2011
pH	**13.8**	s.u.		1	12/21/16 14:25	WRO	4500H+B-2011
Total Settleable Solids	**5.9**	mL/L	0.1	1	12/21/16 11:26	EWB	2540F-2011
Total Solids	**206000**	mg/L	50	1	12/23/16 13:25	GHD	2540B-2011
Total Suspended Solids	**303**	mg/L	2	1	12/21/16 15:10	KGL	2540D-2011
Sulfide	<25.0	mg/L	25.0	25	12/23/16 11:04	GHD	4500S2G-2011
Total Arsenic	<5.00	mg/L	5.00	10	01/11/17 01:08	JTR	EPA-200.7
Total Barium	<5.00	mg/L	5.00	10	01/11/17 01:08	JTR	EPA-200.7
Total Cadmium	<1.00	mg/L	1.00	10	01/11/17 01:08	JTR	EPA-200.7
Total Chromium	**1140**	mg/L	2.50	10	01/11/17 01:08	JTR	EPA-200.7
Total Copper	**13.8**	mg/L	2.50	10	01/11/17 01:08	JTR	EPA-200.7
Total Lead	**11.6**	mg/L	3.00	10	01/11/17 01:08	JTR	EPA-200.7
Mercury (Total)	<0.0100	mg/L	0.0100	1	12/28/16 12:46	KKM	EPA-245.1
Total Selenium	<5.00	mg/L	5.00	10	01/11/17 01:08	JTR	EPA-200.7
Total Silver	<2.50	mg/L	2.50	10	01/11/17 01:08	JTR	EPA-200.7
Total Sodium	**96200**	mg/L	250	10	01/11/17 01:08	JTR	EPA-200.7
Total Zinc	**7.95**	mg/L	5.00	10	01/11/17 01:08	JTR	EPA-200.7
Sulfate	**1390**	mg/L	1000	1000	12/28/16 20:50	BKN	EPA-300.0
Sulfide (Reactivity)	<25.0	mg/L	25.0	1	12/23/16 11:04	GHD	SW-7.3.4

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 01/13/2017
Received : 12/21/2016

Randell H. Thomas
Randy Thomas
Project Manager

Report Number : **16-356-0250**

REPORT OF ANALYSIS

Lab No : **95422**
Sample ID : **V81220161115**

Matrix: **Solid**
Sampled: **12/20/2016 11:15**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
TCLP Metals Extraction	**Filtrate**			1	01/03/17 14:07	SAJ	SW-1311

Analytical Method: 6010C **Prep Batch(es):** **L316754** 01/04/17 08:25
Prep Method: 3005A

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Arsenic	<12.5	mg/L	12.5	100	01/11/17 01:13	JTR	L317712
TCLP Barium	<12.5	mg/L	12.5	100	01/11/17 01:13	JTR	L317712
TCLP Cadmium	<2.50	mg/L	2.50	100	01/11/17 01:13	JTR	L317712
TCLP Chromium	**177**	mg/L	5.00	100	01/11/17 01:13	JTR	L317712
TCLP Lead	<5.00	mg/L	5.00	100	01/11/17 01:13	JTR	L317712
TCLP Selenium	<25.0	mg/L	25.0	100	01/11/17 01:13	JTR	L317712
TCLP Silver	<2.50	mg/L	2.50	100	01/11/17 01:13	JTR	L317712

Analytical Method: 7470A **Prep Batch(es):** **L316759** 01/04/17 08:45
Prep Method: 7470A

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Mercury	<0.0200	mg/L	0.0200	1	01/04/17 12:26	KKM	L316849

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 01/13/2017
Received : 12/21/2016

Randell H. Thomas
Randy Thomas
Project Manager

Report Number : **16-356-0250**

REPORT OF ANALYSIS

Lab No : **95423**
Sample ID : **V81220161115**

Matrix: **Aqueous**
Sampled: **12/20/2016 11:15**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Acidity (as CaCO3)	**100000**	mg/L	100	1	12/30/16 10:44	DB2	2310B-2011
Alkalinity (as CaCO3)	<100	mg/L	100	1	01/03/17 10:29	DB2	2320B-2011
Cyanide, Amenable	<10.0	mg/L	10.0	1000	01/02/17 12:07	EWB	4500CNG-2011
Cyanide, Total	<10.0	mg/L	10.0	1000	12/31/16 12:30	EWB	4500CNE-2011
pH	**2.3**	s.u.		1	12/21/16 14:25	WRO	4500H+B-2011
Total Settleable Solids	**60.7**	mL/L	0.1	1	12/21/16 11:26	EWB	2540F-2011
Total Solids	**239000**	mg/L	31	1	12/23/16 13:25	GHD	2540B-2011
Total Suspended Solids	**146**	mg/L	2	1	12/21/16 15:10	KGL	2540D-2011
Sulfide	<25.0	mg/L	25.0	25	12/23/16 11:04	GHD	4500S2G-2011
Total Arsenic	<5.00	mg/L	5.00	100	01/11/17 01:17	JTR	EPA-200.7
Total Barium	<5.00	mg/L	5.00	100	01/11/17 01:17	JTR	EPA-200.7
Total Cadmium	<1.00	mg/L	1.00	100	01/11/17 01:17	JTR	EPA-200.7
Total Chromium	**153**	mg/L	2.50	100	01/11/17 01:17	JTR	EPA-200.7
Total Copper	**12.7**	mg/L	2.50	100	01/11/17 01:17	JTR	EPA-200.7
Total Lead	<3.00	mg/L	3.00	100	01/11/17 01:17	JTR	EPA-200.7
Mercury (Total)	<0.00020	mg/L	0.00020	1	12/28/16 12:48	KKM	EPA-245.1
Total Selenium	<5.00	mg/L	5.00	100	01/11/17 01:17	JTR	EPA-200.7
Total Silver	<2.50	mg/L	2.50	100	01/11/17 01:17	JTR	EPA-200.7
Total Sodium	**50900**	mg/L	250	100	01/11/17 01:17	JTR	EPA-200.7
Total Zinc	**6.85**	mg/L	5.00	100	01/11/17 01:17	JTR	EPA-200.7
Sulfate	**234000**	mg/L	10000	10000	12/29/16 14:51	BKN	EPA-300.0
Sulfide (Reactivity)	<25.0	mg/L	25.0	1	12/23/16 11:04	GHD	SW-7.3.4

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: **Tetra Tech EM, Inc.**
Project Description: **Chromcraft**
Report No: **16-356-0250**

QC Prep Batch: L316081
QC Prep Batch Method: EPA-200.7 (PREP)
Analysis Method: EPA-200.7
Analysis Description: Total Metals

Lab Reagent Blank LRB-L316081 Matrix: AQU

Associated Lab Samples: 95415, 95417, 95419, 95421, 95423

Parameter	Units	Blank Result	MQL	Analyzed
Total Arsenic	mg/L	< 0.010	0.010	01/12/17 22:01
Total Barium	mg/L	< 0.010	0.010	01/12/17 22:01
Total Cadmium	mg/L	< 0.0020	0.0020	01/12/17 22:01
Total Chromium	mg/L	< 0.005	0.005	01/12/17 22:01
Total Copper	mg/L	< 0.005	0.005	01/12/17 22:01
Total Lead	mg/L	< 0.006	0.006	12/29/16 01:10
Total Selenium	mg/L	< 0.010	0.010	01/12/17 22:01
Total Silver	mg/L	< 0.005	0.005	01/12/17 22:01
Total Sodium	mg/L	< 0.500	0.500	01/12/17 22:01
Total Zinc	mg/L	< 0.010	0.010	01/12/17 22:01

Laboratory Control Sample LCS-L316081

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
Total Arsenic	mg/L	0.100	0.098	98.0	85-115
Total Barium	mg/L	1.00	0.936	93.6	85-115
Total Cadmium	mg/L	0.100	0.0968	96.8	85-115
Total Chromium	mg/L	1.00	1.05	105	85-115
Total Copper	mg/L	1.00	0.917	91.7	85-115
Total Lead	mg/L	0.100	0.095	95.0	85-115
Total Selenium	mg/L	0.100	0.093	93.0	85-115
Total Silver	mg/L	0.100	0.099	99.0	85-115
Total Sodium	mg/L	10.0	9.76	97.6	85-115
Total Zinc	mg/L	1.00	0.962	96.2	85-115

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: Tetra Tech EM, Inc.
Project Description: Chromcraft
Report No: 16-356-0250

QC Prep Batch: L316081
QC Prep Batch Method: EPA-200.7 (PREP)
Analysis Method: EPA-200.7
Analysis Description: Total Metals

Matrix Spike & Matrix Spike Duplicate L 95431-MS-L316081 L 95431-MSD-L316081

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
Total Arsenic	mg/L	< 50.0	0.500	0.500	27.6	27.6	0.0*	0.0*	70-130	0.0	20.0
Total Barium	mg/L	< 0.500	5.00	5.00	5.38	5.39	108	108	70-130	0.1	20.0
Total Cadmium	mg/L	0.135	0.500	0.500	0.730	0.720	119	117	70-130	1.3	20.0
Total Chromium	mg/L	19600	5.00	5.00	20600	20200	20000*	12000*	70-130	1.9	20.0
Total Copper	mg/L	237	5.00	5.00	261	254	480*	340*	70-130	2.7	20.0
Total Lead	mg/L	< 3.00	0.500	0.500	1.97	1.97	0.0*	0.0*	70-130	0.0	20.0
Total Selenium	mg/L	< 0.500	0.500	0.500	0.318	0.318	0.0*	0.0*	70-130	0.0	20.0
Total Silver	mg/L	< 0.250	0.500	0.500	0.575	0.575	115	115	70-130	0.0	20.0
Total Sodium	mg/L	2720	50.0	50.0	2920	2840	400*	240*	70-130	2.7	20.0
Total Zinc	mg/L	8.55	5.00	5.00	12.7	12.6	83.0	81.0	70-130	0.7	20.0

Post Digestion Spike L 95431-PDS-L316081

Parameter	Units	PDS Result	% Recovery	Analyzed
Total Arsenic	mg/L	1.20	96.0	01/03/17 23:40
Total Barium	mg/L	13.2	105	12/30/16 03:16
Total Cadmium	mg/L	1.32	105	12/30/16 03:16
Total Chromium	mg/L	108	97.5	12/30/16 04:52
Total Copper	mg/L	24.0	98.5	12/30/16 03:16
Total Lead	mg/L	1.25	100	12/30/16 03:16
Total Selenium	mg/L	1.26	101	12/30/16 03:16
Total Silver	mg/L	1.28	102	12/30/16 03:16
Total Sodium	mg/L	256	98.0	12/30/16 03:16
Total Zinc	mg/L	12.1	96.5	12/30/16 04:52

* QC Fail

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: **Tetra Tech EM, Inc.**
Project Description: **Chromcraft**
Report No: **16-356-0250**

QC Prep Batch: L316094 **Analysis Method:** EPA-245.1
QC Prep Batch Method: EPA-245.1 (PREP) **Analysis Description:** Mercury

Lab Reagent Blank LRB-L316094 Matrix: AQU

Associated Lab Samples: 95415, 95417, 95419, 95421, 95423

Parameter	Units	Blank Result	MQL	Analyzed
Mercury (Total)	mg/L	< 0.00020	0.00020	12/28/16 12:20

Laboratory Control Sample LCS-L316094

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
Mercury (Total)	mg/L	0.00400	0.00430	108	85-115

Matrix Spike & Matrix Spike Duplicate L 96182-MS-L316094 L 96182-MSD-L316094

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
Mercury (Total)	mg/L	< 0.00020	0.00400	0.00400	0.00430	0.00401	108	100	70-130	6.9	20.0

Post Digestion Spike L 96182-PDS-L316094

Parameter	Units	PDS Result	% Recovery	Analyzed
Mercury (Total)	mg/L	0.00509	102	12/28/16 13:06

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: **Tetra Tech EM, Inc.**
Project Description: **Chromcraft**
Report No: **16-356-0250**

QC Prep Batch: L316321
QC Prep Batch Method: EPA-300.0 (PREP)
Analysis Method: EPA-300.0
Analysis Description: Anions by Ion Chromatography

Lab Reagent Blank LRB-L316321 Matrix: AQU

Associated Lab Samples: 95415, 95417, 95419, 95421, 95423

Parameter	Units	Blank Result	MQL	Analyzed
Sulfate	mg/L	< 1.00	1.00	12/28/16 08:55

Laboratory Control Sample LCS-L316321

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
Sulfate	mg/L	69.4	69.0	99.3	90-110

Matrix Spike & Matrix Spike Duplicate L 96588-MS-L316321 L 96588-MSD-L316321

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
Sulfate	mg/L	2.21	69.4	69.4	72.6	72.8	101	102	80-120	0.2	20.0

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: **Tetra Tech EM, Inc.**
Project Description: **Chromcraft**
Report No: **16-356-0250**

QC Prep Batch: L316484
QC Prep Batch Method: SM-2310B
Analysis Method: 2310B-2011
Analysis Description: Acidity

Duplicate L 95415-DUP

Parameter	Units	Result	DUP Result	RPD	Max RPD	Analyzed
Acidity (as CaCO3)	mg/L	< 100	< 100	0.0	15	12/30/16 10:44

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: **Tetra Tech EM, Inc.**
Project Description: **Chromcraft**
Report No: **16-356-0250**

QC Prep Batch: L316628
QC Prep Batch Method: SM-2320 B
Analysis Method: 2320B-2011
Analysis Description: Alkalinity

Duplicate L 95406-DUP

Parameter	Units	Result	DUP Result	RPD	Max RPD	Analyzed
Alkalinity (as CaCO3)	mg/L	700	700	0.0	10	01/03/17 10:29

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: **Tetra Tech EM, Inc.**
Project Description: **Chromcraft**
Report No: **16-356-0250**

QC Prep Batch: L316019
QC Prep Batch Method: SM-2540B
Analysis Method: 2540B-2011
Analysis Description: Total Solids

Lab Reagent Blank LRB Matrix: AQU

Associated Lab Samples: 95415, 95417, 95419, 95421, 95423

Parameter	Units	Blank Result	MQL	Analyzed
Total Solids	mg/L	< 10	10	12/23/16 13:25

Laboratory Control Sample LCS

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
Total Solids	mg/L	250	259	104	90-110

Duplicate L 95408-DUP

Parameter	Units	Result	DUP Result	RPD	Max RPD	Analyzed
Total Solids	mg/L	364000	412000	12.3*	10	12/23/16 13:25

* QC Fail

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: **Tetra Tech EM, Inc.**
Project Description: **Chromcraft**
Report No: **16-356-0250**

QC Prep Batch: L315671
QC Prep Batch Method: SM-2540D
Analysis Method: 2540D-2011
Analysis Description: Total Suspended Solids

Lab Reagent Blank LRB Matrix: AQU

Associated Lab Samples: 95415, 95417, 95419, 95421, 95423

Parameter	Units	Blank Result	MQL	Analyzed
Total Suspended Solids	mg/L	< 2	2	12/21/16 15:10

Duplicate L 95429-DUP

Parameter	Units	Result	DUP Result	RPD	Max RPD	Analyzed
Total Suspended Solids	mg/L	5	4	22.2*	10	12/21/16 15:10

* QC Fail

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: Tetra Tech EM, Inc.
Project Description: Chromcraft
Report No: 16-356-0250

QC Prep Batch: L316535
QC Prep Batch Method: SM-4500CNE
Analysis Method: 4500CNE-2011
Analysis Description: Total Cyanide

Lab Reagent Blank LRB Matrix: AQU

Associated Lab Samples: 95415, 95417, 95419, 95421, 95423

Parameter	Units	Blank Result	MQL	Analyzed
Cyanide, Total	mg/L	< 0.005	0.005	12/31/16 12:30

Laboratory Control Sample LCS

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
Cyanide, Total	mg/L	0.200	0.190	95.0	90-110

Duplicate L 95811-DUP

Parameter	Units	Result	DUP Result	RPD	Max RPD	Analyzed
Cyanide, Total	mg/L	0.225	0.213	5.4	20.0	12/31/16 12:30

Matrix Spike L 95811-MS

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	%Rec Limits	RPD	Max RPD
Cyanide, Total	mg/L	0.225	0.200		0.389		82.0	70-130		

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: **Tetra Tech EM, Inc.**
Project Description: **Chromcraft**
Report No: **16-356-0250**

QC Prep Batch: L316006 **Analysis Method:** 4500S2G-2011
QC Prep Batch Method: SM-4500S2G **Analysis Description:** Sulfide by ISE

Lab Reagent Blank LRB Matrix: AQU

Associated Lab Samples: 95415, 95417, 95419, 95421, 95423

Parameter	Units	Blank Result	MQL	Analyzed
Sulfide	mg/L	< 1.00	1.00	12/23/16 11:04

Laboratory Control Sample LCS

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
Sulfide	mg/L	5.01	4.58	91.4	80-120

Duplicate G 88977-DUP

Parameter	Units	Result	DUP Result	RPD	Max RPD	Analyzed
Sulfide	mg/L	< 1.00	< 1.00	0.0	20.0	12/23/16 11:04

Matrix Spike G 88977-MS

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	%Rec Limits	RPD	Max RPD
Sulfide	mg/L	< 1.02	2.04		1.98		97.0	70-130		

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: Tetra Tech EM, Inc.
Project Description: Chromcraft
Report No: 16-356-0250

QC Prep Batch: L316754
QC Prep Batch Method: 3005A
Analysis Method: 6010C
Analysis Description: Metals Analysis (TCLP)

Lab Reagent Blank LRB-L316754 Matrix: TCL

Associated Lab Samples: 95414, 95416, 95418, 95420, 95422

Parameter	Units	Blank Result	MQL	Analyzed
TCLP Arsenic	mg/L	< 0.025	0.025	01/12/17 23:00
TCLP Barium	mg/L	< 0.025	0.025	01/12/17 23:00
TCLP Cadmium	mg/L	< 0.005	0.005	01/12/17 23:00
TCLP Chromium	mg/L	< 0.010	0.010	01/13/17 14:29
TCLP Lead	mg/L	< 0.010	0.010	01/13/17 14:29
TCLP Selenium	mg/L	< 0.050	0.050	01/12/17 23:00
TCLP Silver	mg/L	< 0.005	0.005	01/12/17 23:00

Laboratory Control Sample LCS-L316754

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
TCLP Arsenic	mg/L	0.100	0.099	99.0	80-120
TCLP Barium	mg/L	1.00	0.956	95.6	80-120
TCLP Cadmium	mg/L	0.100	0.098	98.0	80-120
TCLP Chromium	mg/L	1.00	1.05	105	80-120
TCLP Lead	mg/L	0.100	0.104	104	80-120
TCLP Selenium	mg/L	0.100	0.094	94.0	80-120
TCLP Silver	mg/L	0.100	0.098	98.0	80-120

Matrix Spike & Matrix Spike Duplicate L 96956-MS-L316754 L 96956-MSD-L316754

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
TCLP Arsenic	mg/L	< 0.025	0.500	0.500	0.517	0.502	103	100	75-125	2.9	20.0
TCLP Barium	mg/L	1.53	5.00	5.00	6.35	6.20	96.4	93.4	75-125	2.3	20.0
TCLP Cadmium	mg/L	< 0.005	0.500	0.500	0.496	0.480	99.2	96.0	75-125	3.2	20.0
TCLP Chromium	mg/L	0.025	5.00	5.00	4.89	4.74	97.3	94.3	75-125	3.1	20.0
TCLP Lead	mg/L	< 0.010	0.500	0.500	0.478	0.465	95.6	93.0	75-125	2.7	20.0

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: **Tetra Tech EM, Inc.**
Project Description: **Chromcraft**
Report No: **16-356-0250**

QC Prep Batch: L316754
QC Prep Batch Method: 3005A
Analysis Method: 6010C
Analysis Description: Metals Analysis (TCLP)

Matrix Spike & Matrix Spike Duplicate L 96956-MS-L316754 L 96956-MSD-L316754

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
TCLP Selenium	mg/L	< 0.050	0.500	0.500	0.551	0.535	110	107	75-125	2.9	20.0
TCLP Silver	mg/L	< 0.005	0.500	0.500	0.502	0.506	100	101	75-125	0.7	20.0

Post Digestion Spike L 96956-PDS-L316754

Parameter	Units	PDS Result	% Recovery	Analyzed
TCLP Arsenic	mg/L	0.249	99.9	01/05/17 03:06
TCLP Barium	mg/L	3.19	97.7	01/05/17 03:06
TCLP Cadmium	mg/L	0.248	99.4	01/05/17 03:06
TCLP Chromium	mg/L	2.51	99.7	01/05/17 03:06
TCLP Lead	mg/L	0.249	99.6	01/06/17 13:15
TCLP Selenium	mg/L	0.258	103	01/05/17 03:06
TCLP Silver	mg/L	0.254	102	01/05/17 03:06

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: **Tetra Tech EM, Inc.**
Project Description: **Chromcraft**
Report No: **16-356-0250**

QC Prep Batch: L316759
QC Prep Batch Method: 7470A
Analysis Method: 7470A
Analysis Description: Total Aqueous Mercury Analysis - CVA

Lab Reagent Blank LRB-L316759 Matrix: TCL

Associated Lab Samples: 95414, 95416, 95418, 95420, 95422

Parameter	Units	Blank Result	MQL	Analyzed
TCLP Mercury	mg/L	< 0.0010	0.0010	01/04/17 12:15

Laboratory Control Sample LCS-L316759

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
TCLP Mercury	mg/L	0.0040	0.0040	100	80-120

Matrix Spike & Matrix Spike Duplicate L 96956-MS-L316759 L 96956-MSD-L316759

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
TCLP Mercury	mg/L	< 0.0200	0.0800	0.0800	0.0816	0.0834	102	104	80-120	2.1	20.0

Post Digestion Spike L 96956-PDS-L316759

Parameter	Units	PDS Result	% Recovery	Analyzed
TCLP Mercury	mg/L	0.104	104	01/04/17 12:48

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Cooler Receipt Form

Customer Number: **06379**
Customer Name: **Tetra Tech EM, Inc.**
Report Number: **16-356-0250**

Shipping Method

○ Fed Ex ○ US Postal ○ Lab ○ Other :
○ UPS ● Client ○ Courier Thermometer ID: #10

Shipping container/cooler uncompromised?	● Yes	○ No	
Number of coolers received	3		
Custody seals intact on shipping container/cooler?	○ Yes	○ No	● Not Required
Custody seals intact on sample bottles?	○ Yes	○ No	● Not Required
Chain of Custody (COC) present?	● Yes	○ No	
COC agrees with sample label(s)?	● Yes	○ No	
COC properly completed	● Yes	○ No	
Samples in proper containers?	● Yes	○ No	
Sample containers intact?	● Yes	○ No	
Sufficient sample volume for indicated test(s)?	● Yes	○ No	
All samples received within holding time?	● Yes	○ No	
Cooler temperature in compliance?	○ Yes	● No	
Cooler/Samples arrived at the laboratory on ice. Samples were considered acceptable as cooling process had begun.	● Yes	○ No	
Water - Sample containers properly preserved	● Yes	○ No	○ N/A
Water - VOA vials free of headspace	○ Yes	○ No	● N/A
Trip Blanks received with VOAs	○ Yes	○ No	● N/A
Soil VOA method 5035 – compliance criteria met	○ Yes	○ No	● N/A

☐ High concentration container (48 hr) ☐ Low concentration EnCore samplers (48 hr)
☐ High concentration pre-weighed (methanol -14 d) ☐ Low conc pre-weighed vials (Sod Bis -14 d)

Special precautions or instructions included?	○ Yes	● No

Comments: Cooler Temps @ 7.7, 8.4, 7.9 degrees C

Any regulatory non-compliance issues will be recorded on non-compliance report.

Signature: Danyale Love Date & Time: 12/21/2016 10:17:12

Waypoint ANALYTICAL

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

Kit ID:	0000074505
Initiated By:	Randy Thomas
Project Commment	

CHAIN-OF-CUSTODY

16-356-0250
06379
12-21-2016
10:16:48
Tetra Tech EM, Inc.
Chromcraft

Company Name	Company Number	Client Project Manager/Contact	Purchase Order Number
Tetra Tech EM, Inc.	06379	Tetra Tech EM, Inc.	
Site Name	**Project Number**	☐ RUSH – Additional charges apply ☐ Special Detection Limits(s) Date Results Needed	**Method of Shipment** ☐ Fed Ex ☐ UPS ☐ USPS ☐ Courier ☑ Client Drop Off Other
Chromecraft	103X90270106		
LIMS Project ID	**Project Manager Phone #**	**Project Manager Email**	**Site/Facility ID #**
Tetra Tech - Chromcraft	Todd Taylor 615-992-5556 (687) 775-3104	todd.Taylor@tetratech.com	

Date	Time	Sample ID	Matrix	Grab/ Comp	# of Cont	Container Type	Preservation	Analyses
12/20/16	09:10	V1 1220160910	Aqueous	G	3	Plastic - Quart	NONE	TCLP Metals/TSS/TS/SS/SO4/pH/Alk/Acid
12/20/16	09:30	V2 1220160930	Aqueous	G	1	Plastic - Pint	NaOH - Sodium Hydroxide	CNA/CNT
12/20/16	09:16	V1 1220160910	Aqueous	G	1	Plastic - Pint	HNO3 - Nitric Acid	RCRA Metals/Cu/Na/Zn
12/20/16	09:16	V1 1220160910	Aqueous	G	1	Plastic - Pint	ZnAc+NaOH - Zinc Acetate+Sodium Hydroxide	Total & React Sulfide
12/20/16	09:30	V2 1220160930	Aqueous	G	3	Plastic - Quart	NONE	TCLP Metals/TSS/TS/SS/SO4/pH/Alk/Acid
12/20/16	09:30	V2 1220160930	Aqueous	G	1	Plastic - Pint	NaOH - Sodium Hydroxide	CNA/CNT
12/20/16	09:30	V2 1220160930	Aqueous	G	1	Plastic - Pint	HNO3 - Nitric Acid	RCRA Metals/Cu/Na/Zn

For Laboratory Use Only			Sampled by (Name - Print)	Client Remarks/Comments		
Ice Y/N	Custody Seals Y/N	Lab Comments	Todd Taylor			
		Approval to analyze per Todd Taylor. 12/21/16	Relinquished by: (SIGNATURE) Todd Taylor	Date Time 12/20/16	Received by: (SIGNATURE)	Date Time
Blank/Cooler Temp 7.7°, 8.4, 7.9°C TIOBS			Relinquished by: (SIGNATURE)	Date Time	Received by: (SIGNATURE)	Date Time
			Relinquished by: (SIGNATURE)	Date Time	Received by: (SIGNATURE) S Cook	Date Time 12/20/16 1830

Waypoint ANALYTICAL

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

Kit ID:	0000074505
Initiated By:	Randy Thomas
Project Commment	

CHAIN-OF-CUSTODY

Tetra Tech EM, Inc.
Chromcraft
16-356-0250
06379
12-21-2016
10:16:48

Company Name	Company Number	Client Project Manager/Contact	Purchase Order Number
Tetra Tech EM, Inc.	06379	Tetra Tech EM, Inc.	
Site Name	**Project Number**	☐ RUSH – Additional charges apply ☐ Special Detection Limits(s) Date Results Needed	**Method of Shipment** ☐ Fed Ex ☐ UPS ☐ USPS ☐ Courier ☒ Client Drop Off Other
Chromecraft	103X902701061		
LIMS Project ID	**Project Manager Phone #**	**Project Manager Email**	**Site/Facility ID #**
Tetra Tech - Chromcraft	Todd Taylor 615-992-5556 (687) 775-3104	todd.Taylor@tetratech.com	

Date	Time	Sample ID	Matrix	Grab/ Comp	# of Cont	Container Type	Preservation	Analyses
12/20/16	0930 ~~10:25~~	~~V2122016 1025~~ TAT V2122016 0930	Aqueous	G	1	Plastic - Pint	ZnAc+NaOH - Zinc Acetate+Sodium Hydroxide	Total & React Sulfide
12/20/16	10:25	V3122016 1025	Aqueous	G	3	Plastic - Quart	NONE	TCLP Metals/TSS/TS/SS/SO4/pH/Alk/Acid
12/20/16	10:25	V3122016 1025	Aqueous	G	1	Plastic - Pint	NaOH - Sodium Hydroxide	CNA/CNT
12/20/16	10:25	V3 122016 1025	Aqueous	G	1	Plastic - Pint	HNO3 - Nitric Acid	RCRA Metals/Cu/Na/Zn
12/20/16	10:25	V3 122016 1025	Aqueous	G	1	Plastic - Pint	ZnAc+NaOH - Zinc Acetate+Sodium Hydroxide	Total & React Sulfide
12/20/16	10:40	V4 122016 1040	Aqueous	G	3	Plastic - Quart	NONE	TCLP Metals/TSS/TS/SS/SO4/pH/Alk/Acid
12/20/16	10:40	V4 122016 1040	Aqueous	G	1	Plastic - Pint	NaOH - Sodium Hydroxide	CNA/CNT

For Laboratory Use Only			Sampled by (Name - Print)	Client Remarks/Comments		
Ice	Custody Seals	Lab Comments	Todd Taylor			
Y/N	Y/N		Relinquished by: (SIGNATURE)	Date Time	Received by: (SIGNATURE)	Date Time
			Todd Taylor	12/20/16		
Blank/Cooler Temp			Relinquished by: (SIGNATURE)	Date Time	Received by: (SIGNATURE)	Date Time
1.7, 8.4, 7.9°C T10B5			Relinquished by: (SIGNATURE)	Date Time	Received by: (SIGNATURE)	Date Time
					S. Cook	12/20/16 1830

2/3

Waypoint ANALYTICAL

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440

Kit ID:	0000074505
Initiated By:	Randy Thomas
Project Commment	

CHAIN-OF-CUS

16-356-0250
06379
12-21-2016
10:16:48
Tetra Tech EM. Inc.
Chromcraft

Company Name	Company Number	Client Project Manager/Contact	Purchase Order Number
Tetra Tech EM, Inc.	06379	Tetra Tech EM, Inc.	
Site Name	**Project Number**	☐ RUSH – Additional charges apply ☐ Special Detection Limits(s) Date Results Needed	**Method of Shipment** ☐ Fed Ex ☐ UPS ☐ USPS ☐ Courier ☐ Client Drop Off Other
LIMS Project ID	**Project Manager Phone #**	**Project Manager Email**	**Site/Facility ID #**
Tetra Tech - Chromcraft	(687) 775-3104		

Date	Time	Sample ID	Matrix	Grab/ Comp	# of Cont	Container Type	Preservation	Analyses
12/20/16	10:40	V4 1220161040	Aqueous	G	1	Plastic - Pint	HNO3 - Nitric Acid	RCRA Metals/Cu/Na/Zn
12/20/16	10:40	V4 1220161040	Aqueous	G	1	Plastic - Pint	ZnAc+NaOH - Zinc Acetate+Sodium Hydroxide	Total & React Sulfide
12/20/16	11:15	V8 1220161115	Aqueous	G	3	Plastic - Quart	NONE	TCLP Metals/TSS/TS/SS/SO4/pH/Alk/Acid
12/20/16	11:15	V8 1220161115	Aqueous	G	1	Plastic - Pint	NaOH - Sodium Hydroxide	CNA/CNT
12/20/16	11:15	V8 1220161115	Aqueous	G	1	Plastic - Pint	HNO3 - Nitric Acid	RCRA Metals/Cu/Na/Zn
12/20/16	11:15	V8 1220161115	Aqueous	G	1	Plastic - Pint	ZnAc+NaOH - Zinc Acetate+Sodium Hydroxide	Total & React Sulfide

For Laboratory Use Only			Sampled by (Name - Print)	Client Remarks/Comments			
Ice Y/N	Custody Seals Y/N	Lab Comments	Todd D				
			Relinquished by: (SIGNATURE) Todd D	Date Time	Received by: (SIGNATURE)	Date Time	
			Relinquished by: (SIGNATURE)	Date Time	Received by: (SIGNATURE)	Date Time	
Blank/Cooler Temp T.T°, 8.4, 7.9 °CT10BS			Relinquished by: (SIGNATURE)	Date Time	Received by: (SIGNATURE) S. Cook	Date Time 12/20/16 1830	

3/3

Waypoint ANALYTICAL

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

1/13/2017

Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth, GA, 30096

Ref: Analytical Testing
Lab Report Number: 16-356-0251
Client Project Description: Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061
Project Number: 103X902701058

Dear Mr. Todd Taylor:
Waypoint Analytical, Inc. received sample(s) on 12/21/2016 for the analyses presented in the following report.

The above referenced project has been analyzed per your instructions. The analyses were performed in accordance with the applicable analytical method.

The analytical data has been validated using standard quality control measures performed as required by the analytical method. Quality Assurance, method validations, instrumentation maintenance and calibration for all parameters (NELAP and non-NELAP) were performed in accordance with guidelines established by the USEPA (including 40 CFR 136 Method Update Rule May 2012) and NELAC unless otherwise indicated. Any parameter for which the laboratory is not officially NELAP accredited is indicated by a '~' symbol. These are not included in the scope because NELAP accreditation is either not available or has not been applied for. Additional certifications may be held/are available for parameters, where NELAP accreditation is not required or applicable. A full list of certifications is available upon request.

Certain parameters (chlorine, pH, dissolved oxygen, sulfite...) are required to be analyzed within 15 minutes of sampling. Usually, but not always, any field parameter analyzed at the laboratory is outside of this holding time. Refer to sample analysis time for confirmation of holding time compliance.

The results are shown on the attached Report of Analysis(s). Results for solid matrices are reported on an as-received basis unless otherwise indicated. This report shall not be reproduced except in full and relates only to the samples included in this report.

Please do not hesitate to contact me or client services if you have any questions or need additional information.

Sincerely,

Randell H. Thomas

Randy Thomas
Project Manager

Laboratory's liability in any claim relating to analyses performed shall be limited to, at laboratory's option, repeating the analysis in question at laboratory's expense, or the refund of the charges paid for performance of said analysis.

Alabama	#40750	Louisiana	#04015	VA NELAP	#460181	Texas	#T104704180-11-6	Arkansas	#88-0650
Mississippi		California	#2904	NC	#415	Oklahoma	#9311	Virginia	#00106
Kentucky	#90047	Tennessee	#TN02027	EPA	#TN00012	Kentucky UST	#41		

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Non-Compliance Login Summary Report

Incident Date: 12-21-2016 10:45 am
Report number: 16-356-0251 Lab Number(s): L95427, L95429, L95431
Customer number: 06379
Customer Name: Tetra Tech EM, Inc.
Contact Name: Tetra Tech EM, Inc.
Project ID: Tetra Tech - Chromcraft

This Non-Compliance Report has been generated because proper EPA protocol was not followed for the above referenced sample(s). This means that the data generated from the analysis of this project may not be suitable for Regulatory compliance.

This report should be included with any data submitted to a Regulatory Agency. The actual problems encountered are listed below.

Description of Login Non-Compliance

☑ **Sample Temperature Non-compliant**
Cooler Temperature: 8.1, 7.6 degrees Celsius
Required Temperature: < 6 degrees Celsius

☐ **Sample Received in Improper Container**
Analysis:
Received Container:
Required Container:

☐ **Sample Improperly Preserved**
Analysis:
Received Preservative:
Required Preservative:

☐ **Sample Received Outside Holding Time** Date Received: 12-21-2016 00:00
Analysis:
Sampled Date and Time:
Required Holding Time:

Other:

Corrective Action

Client Notified: ● Yes ○ No Date Client Notified: 12/20/16 Contact Name: Todd Taylor
Client Directive:

Apporval to analyze per Todd Taylor

Initiated By: Danyale Love Project manager: Randall Thomas QAO: Richard Medina

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Sample Summary Table

Report Number: **16-356-0251**

Client Project Description: **Chromcraft**
1 Quality Dr., Senatobia, MS
Project #103902701061

Lab No	Client Sample ID	Matrix	Date Collected	Date Received	Method	Lab ID
95426	V91220161132	Solid	12/20/2016 11:32	12/21/2016	6010C	WTN
95426	V91220161132	Solid	12/20/2016 11:32	12/21/2016	7470A	WTN
95426	V91220161132	Solid	12/20/2016 11:32	12/21/2016	SW-1311	WTN
95427	V91220161132	Aqueous	12/20/2016 11:32	12/21/2016	2310B-2011	WTN
95427	V91220161132	Aqueous	12/20/2016 11:32	12/21/2016	2320B-2011	WTN
95427	V91220161132	Aqueous	12/20/2016 11:32	12/21/2016	2540B-2011	WTN
95427	V91220161132	Aqueous	12/20/2016 11:32	12/21/2016	2540D-2011	WTN
95427	V91220161132	Aqueous	12/20/2016 11:32	12/21/2016	2540F-2011	WTN
95427	V91220161132	Aqueous	12/20/2016 11:32	12/21/2016	4500CNE-2011	WTN
95427	V91220161132	Aqueous	12/20/2016 11:32	12/21/2016	4500CNG-2011	WTN
95427	V91220161132	Aqueous	12/20/2016 11:32	12/21/2016	4500H+B-2011	WTN
95427	V91220161132	Aqueous	12/20/2016 11:32	12/21/2016	4500S2G-2011	WTN
95427	V91220161132	Aqueous	12/20/2016 11:32	12/21/2016	EPA-200.7	WTN
95427	V91220161132	Aqueous	12/20/2016 11:32	12/21/2016	EPA-245.1	WTN
95427	V91220161132	Aqueous	12/20/2016 11:32	12/21/2016	EPA-300.0	WTN
95427	V91220161132	Aqueous	12/20/2016 11:32	12/21/2016	SW-7.3.4	WTN
95428	V341220161300	Solid	12/20/2016 13:00	12/21/2016	6010C	WTN
95428	V341220161300	Solid	12/20/2016 13:00	12/21/2016	7470A	WTN
95428	V341220161300	Solid	12/20/2016 13:00	12/21/2016	SW-1311	WTN
95429	V341220161300	Aqueous	12/20/2016 13:00	12/21/2016	2310B-2011	WTN
95429	V341220161300	Aqueous	12/20/2016 13:00	12/21/2016	2320B-2011	WTN
95429	V341220161300	Aqueous	12/20/2016 13:00	12/21/2016	2540B-2011	WTN
95429	V341220161300	Aqueous	12/20/2016 13:00	12/21/2016	2540D-2011	WTN
95429	V341220161300	Aqueous	12/20/2016 13:00	12/21/2016	2540F-2011	WTN
95429	V341220161300	Aqueous	12/20/2016 13:00	12/21/2016	4500CNE-2011	WTN
95429	V341220161300	Aqueous	12/20/2016 13:00	12/21/2016	4500CNG-2011	WTN

WTN: Waypoint Analytical, Inc.

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Sample Summary Table

Report Number: **16-356-0251**

Client Project Description: **Chromcraft**
1 Quality Dr., Senatobia, MS
Project #103902701061

Lab No	Client Sample ID	Matrix	Date Collected	Date Received	Method	Lab ID
95429	V341220161300	Aqueous	12/20/2016 13:00	12/21/2016	4500H+B-2011	WTN
95429	V341220161300	Aqueous	12/20/2016 13:00	12/21/2016	4500S2G-2011	WTN
95429	V341220161300	Aqueous	12/20/2016 13:00	12/21/2016	EPA-200.7	WTN
95429	V341220161300	Aqueous	12/20/2016 13:00	12/21/2016	EPA-245.1	WTN
95429	V341220161300	Aqueous	12/20/2016 13:00	12/21/2016	EPA-300.0	WTN
95429	V341220161300	Aqueous	12/20/2016 13:00	12/21/2016	SW-7.3.4	WTN
95430	V351220161320	Solid	12/20/2016 13:20	12/21/2016	6010C	WTN
95430	V351220161320	Solid	12/20/2016 13:20	12/21/2016	7470A	WTN
95430	V351220161320	Solid	12/20/2016 13:20	12/21/2016	SW-1311	WTN
95431	V351220161320	Aqueous	12/20/2016 13:20	12/21/2016	2310B-2011	WTN
95431	V351220161320	Aqueous	12/20/2016 13:20	12/21/2016	2320B-2011	WTN
95431	V351220161320	Aqueous	12/20/2016 13:20	12/21/2016	2540B-2011	WTN
95431	V351220161320	Aqueous	12/20/2016 13:20	12/21/2016	2540D-2011	WTN
95431	V351220161320	Aqueous	12/20/2016 13:20	12/21/2016	2540F-2011	WTN
95431	V351220161320	Aqueous	12/20/2016 13:20	12/21/2016	4500CNE-2011	WTN
95431	V351220161320	Aqueous	12/20/2016 13:20	12/21/2016	4500CNG-2011	WTN
95431	V351220161320	Aqueous	12/20/2016 13:20	12/21/2016	4500H+B-2011	WTN
95431	V351220161320	Aqueous	12/20/2016 13:20	12/21/2016	4500S2G-2011	WTN
95431	V351220161320	Aqueous	12/20/2016 13:20	12/21/2016	EPA-200.7	WTN
95431	V351220161320	Aqueous	12/20/2016 13:20	12/21/2016	EPA-245.1	WTN
95431	V351220161320	Aqueous	12/20/2016 13:20	12/21/2016	EPA-300.0	WTN
95431	V351220161320	Aqueous	12/20/2016 13:20	12/21/2016	SW-7.3.4	WTN

WTN: Waypoint Analytical, Inc.

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 01/13/2017
Received : 12/21/2016

Randell H. Thomas
Randy Thomas
Project Manager

Report Number : **16-356-0251**

REPORT OF ANALYSIS

Lab No : **95426**
Sample ID : **V91220161132**

Matrix: **Solid**
Sampled: **12/20/2016 11:32**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
TCLP Metals Extraction	**Filtrate**			1	01/03/17 14:07	SAJ	SW-1311

Analytical Method: 6010C **Prep Batch(es):** **L316754** 01/04/17 08:25
Prep Method: 3005A

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Arsenic	<12.5	mg/L	12.5	100	01/11/17 01:22	JTR	L317712
TCLP Barium	<12.5	mg/L	12.5	100	01/11/17 01:22	JTR	L317712
TCLP Cadmium	<2.50	mg/L	2.50	100	01/11/17 01:22	JTR	L317712
TCLP Chromium	**22.6**	mg/L	5.00	100	01/11/17 01:22	JTR	L317712
TCLP Lead	<5.00	mg/L	5.00	100	01/11/17 01:22	JTR	L317712
TCLP Selenium	<25.0	mg/L	25.0	100	01/11/17 01:22	JTR	L317712
TCLP Silver	<2.50	mg/L	2.50	100	01/11/17 01:22	JTR	L317712

Analytical Method: 7470A **Prep Batch(es):** **L316759** 01/04/17 08:45
Prep Method: 7470A

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Mercury	<0.0200	mg/L	0.0200	1	01/04/17 12:28	KKM	L316849

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 01/13/2017
Received : 12/21/2016

Randell H. Thomas
Randy Thomas
Project Manager

Report Number : **16-356-0251**

REPORT OF ANALYSIS

Lab No : **95427**
Sample ID : **V91220161132**

Matrix: **Aqueous**
Sampled: **12/20/2016 11:32**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Acidity (as CaCO3)	<100	mg/L	100	1	12/30/16 10:44	DB2	2310B-2011
Alkalinity (as CaCO3)	**72500**	mg/L	100	1	01/03/17 10:29	DB2	2320B-2011
Cyanide, Amenable	<10.0	mg/L	10.0	1000	01/02/17 12:07	EWB	4500CNG-2011
Cyanide, Total	<10.0	mg/L	10.0	1000	12/31/16 12:30	EWB	4500CNE-2011
pH	**11.2**	s.u.		1	12/21/16 14:25	WRO	4500H+B-2011
Total Settleable Solids	<0.1	mL/L	0.1	1	12/21/16 11:26	EWB	2540F-2011
Total Solids	**118000**	mg/L	33	1	12/23/16 13:46	GHD	2540B-2011
Total Suspended Solids	**307**	mg/L	9	1	12/21/16 15:10	KGL	2540D-2011
Sulfide	<25.0	mg/L	25.0	25	12/23/16 11:04	GHD	4500S2G-2011
Total Arsenic	<5.00	mg/L	5.00	100	01/11/17 01:27	JTR	EPA-200.7
Total Barium	<5.00	mg/L	5.00	100	01/11/17 01:27	JTR	EPA-200.7
Total Cadmium	<1.00	mg/L	1.00	100	01/11/17 01:27	JTR	EPA-200.7
Total Chromium	**18.8**	mg/L	2.50	100	01/11/17 01:27	JTR	EPA-200.7
Total Copper	<2.50	mg/L	2.50	100	01/11/17 01:27	JTR	EPA-200.7
Total Lead	<3.00	mg/L	3.00	100	01/11/17 01:27	JTR	EPA-200.7
Mercury (Total)	<0.00100	mg/L	0.00100	1	12/28/16 12:50	KKM	EPA-245.1
Total Selenium	<5.00	mg/L	5.00	100	01/11/17 01:27	JTR	EPA-200.7
Total Silver	<2.50	mg/L	2.50	100	01/11/17 01:27	JTR	EPA-200.7
Total Sodium	**37300**	mg/L	250	100	01/11/17 01:27	JTR	EPA-200.7
Total Zinc	<5.00	mg/L	5.00	100	01/11/17 01:27	JTR	EPA-200.7
Sulfate	**3760**	mg/L	100	100	12/28/16 13:15	BKN	EPA-300.0
Sulfide (Reactivity)	<25.0	mg/L	25.0	1	12/23/16 11:04	GHD	SW-7.3.4

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 01/13/2017
Received : 12/21/2016

Randell H. Thomas
Randy Thomas
Project Manager

Report Number : **16-356-0251**

REPORT OF ANALYSIS

Lab No : **95428**
Sample ID : **V341220161300**

Matrix: **Solid**
Sampled: **12/20/2016 13:00**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
TCLP Metals Extraction	**Filtrate**			1	01/03/17 14:07	SAJ	SW-1311

Analytical Method: 6010C **Prep Batch(es):** **L316754** 01/04/17 08:25
Prep Method: 3005A

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Arsenic	**32.9**	mg/L	12.5	100	01/12/17 23:33	JTR	L317836
TCLP Barium	<12.5	mg/L	12.5	100	01/12/17 23:33	JTR	L317836
TCLP Cadmium	<2.50	mg/L	2.50	100	01/12/17 23:33	JTR	L317836
TCLP Chromium	**42800**	mg/L	50.0	1000	01/13/17 12:56	CCR	L317919
TCLP Lead	<5.00	mg/L	5.00	100	01/13/17 12:46	CCR	L317919
TCLP Selenium	<25.0	mg/L	25.0	100	01/12/17 23:33	JTR	L317836
TCLP Silver	<2.50	mg/L	2.50	100	01/12/17 23:33	JTR	L317836

Analytical Method: 7470A **Prep Batch(es):** **L316759** 01/04/17 08:45
Prep Method: 7470A

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Mercury	**0.244**	mg/L	0.200	10	01/04/17 12:30	KKM	L316849

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 01/13/2017
Received : 12/21/2016

Randell H. Thomas
Randy Thomas
Project Manager

Report Number : **16-356-0251**

REPORT OF ANALYSIS

Lab No : **95429**
Sample ID : **V341220161300**

Matrix: **Aqueous**
Sampled: **12/20/2016 13:00**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Acidity (as CaCO3)	**76500**	mg/L	100	1	12/30/16 10:44	DB2	2310B-2011
Alkalinity (as CaCO3)	<100	mg/L	100	1	01/03/17 10:29	DB2	2320B-2011
Cyanide, Amenable	<10.0	mg/L	10.0	1000	01/02/17 12:07	EWB	4500CNG-2011
Cyanide, Total	<10.0	mg/L	10.0	1000	12/31/16 12:30	EWB	4500CNE-2011
pH	**1.2**	s.u.		1	12/21/16 14:25	WRO	4500H+B-2011
Total Settleable Solids	<0.1	mL/L	0.1	1	12/21/16 11:26	EWB	2540F-2011
Total Solids	**112000**	mg/L	58	1	12/23/16 13:46	GHD	2540B-2011
Total Suspended Solids	**5**	mg/L	2	1	12/21/16 15:10	KGL	2540D-2011
Sulfide	<25.0	mg/L	25.0	25	12/23/16 11:04	GHD	4500S2G-2011
Total Arsenic	**34.6**	mg/L	5.00	100	01/12/17 22:51	JTR	EPA-200.7
Total Barium	<5.00	mg/L	5.00	100	01/12/17 22:51	JTR	EPA-200.7
Total Cadmium	<1.00	mg/L	1.00	100	01/12/17 22:51	JTR	EPA-200.7
Total Chromium	**45700**	mg/L	25.0	1000	01/13/17 13:52	CCR	EPA-200.7
Total Copper	**424**	mg/L	2.50	100	01/12/17 22:51	JTR	EPA-200.7
Total Lead	<3.00	mg/L	3.00	100	01/13/17 13:43	CCR	EPA-200.7
Mercury (Total)	**0.361**	mg/L	0.100	500	12/28/16 13:07	KKM	EPA-245.1
Total Selenium	<5.00	mg/L	5.00	100	01/12/17 22:51	JTR	EPA-200.7
Total Silver	<2.50	mg/L	2.50	100	01/12/17 22:51	JTR	EPA-200.7
Total Sodium	**1750**	mg/L	250	100	01/12/17 22:51	JTR	EPA-200.7
Total Zinc	<5.00	mg/L	5.00	100	01/12/17 22:51	JTR	EPA-200.7
Sulfate	**6030**	mg/L	100	100	12/28/16 13:25	BKN	EPA-300.0
Sulfide (Reactivity)	<25.0	mg/L	25.0	1	12/23/16 11:04	GHD	SW-7.3.4

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 01/13/2017
Received : 12/21/2016

Randell H. Thomas
Randy Thomas
Project Manager

Report Number : **16-356-0251**

REPORT OF ANALYSIS

Lab No : **95430**
Sample ID : **V351220161320**

Matrix: **Solid**
Sampled: **12/20/2016 13:20**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
TCLP Metals Extraction	**Filtrate**			1	01/03/17 14:07	SAJ	SW-1311

Analytical Method: 6010C **Prep Batch(es):** **L316754** 01/04/17 08:25
Prep Method: 3005A

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Arsenic	**25.2**	mg/L	12.5	100	01/12/17 23:46	JTR	L317836
TCLP Barium	<12.5	mg/L	12.5	100	01/12/17 23:46	JTR	L317836
TCLP Cadmium	<2.50	mg/L	2.50	100	01/12/17 23:46	JTR	L317836
TCLP Chromium	**20600**	mg/L	5.00	100	01/12/17 23:46	JTR	L317836
TCLP Lead	<5.00	mg/L	5.00	100	01/13/17 13:14	CCR	L317919
TCLP Selenium	<25.0	mg/L	25.0	100	01/12/17 23:46	JTR	L317836
TCLP Silver	<2.50	mg/L	2.50	100	01/12/17 23:46	JTR	L317836

Analytical Method: 7470A **Prep Batch(es):** **L316759** 01/04/17 08:45
Prep Method: 7470A

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Batch
TCLP Mercury	<0.0200	mg/L	0.0200	1	01/04/17 12:40	KKM	L316849

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

06379
Tetra Tech EM, Inc.
Mr. Todd Taylor
1955 Evergreen Blvd.
Building 200, Suite 300
Duluth , GA 30096

Project ID :
Project Information : Chromcraft
1 Quality Dr., Senatobia, MS
Project #103902701061

Report Date : 01/13/2017
Received : 12/21/2016

Randell H. Thomas
Randy Thomas
Project Manager

Report Number : **16-356-0251**

REPORT OF ANALYSIS

Lab No : **95431**
Sample ID : **V351220161320**

Matrix: **Aqueous**
Sampled: **12/20/2016 13:20**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Acidity (as CaCO3)	**28500**	mg/L	100	1	12/30/16 10:44	DB2	2310B-2011
Alkalinity (as CaCO3)	<100	mg/L	100	1	01/03/17 10:29	DB2	2320B-2011
Cyanide, Amenable	<10.0	mg/L	10.0	1000	01/02/17 12:07	EWB	4500CNG-2011
Cyanide, Total	<10.0	mg/L	10.0	1000	12/31/16 12:30	EWB	4500CNE-2011
pH	**2.7**	s.u.		1	12/21/16 14:25	WRO	4500H+B-2011
Total Settleable Solids	<0.1	mL/L	0.1	1	12/22/16 09:06	EWB	2540F-2011
Total Solids	**57900**	mg/L	40	1	12/23/16 13:46	GHD	2540B-2011
Total Suspended Solids	<2	mg/L	2	1	12/21/16 16:30	KGL	2540D-2011
Sulfide	<25.0	mg/L	25.0	25	12/23/16 11:04	GHD	4500S2G-2011
Total Arsenic	<50.0	mg/L	50.0	1000	01/03/17 23:30	CCR	EPA-200.7
Total Barium	<50.0	mg/L	50.0	1000	01/03/17 23:30	CCR	EPA-200.7
Total Cadmium	<10.0	mg/L	10.0	1000	01/03/17 23:30	CCR	EPA-200.7
Total Chromium	**19500**	mg/L	25.0	1000	01/03/17 23:30	CCR	EPA-200.7
Total Copper	**237**	mg/L	0.250	10	12/30/16 03:06	CCR	EPA-200.7
Total Lead	<3.00	mg/L	3.00	100	12/30/16 04:43	CCR	EPA-200.7
Mercury (Total)	**0.0168**	mg/L	0.00200	10	12/28/16 13:09	KKM	EPA-245.1
Total Selenium	<50.0	mg/L	50.0	1000	01/03/17 23:30	CCR	EPA-200.7
Total Silver	<25.0	mg/L	25.0	1000	01/03/17 23:30	CCR	EPA-200.7
Total Sodium	**2560**	mg/L	2500	1000	01/03/17 23:30	CCR	EPA-200.7
Total Zinc	<50.0	mg/L	50.0	1000	01/03/17 23:30	CCR	EPA-200.7
Sulfate	**11000**	mg/L	100	100	12/28/16 13:35	BKN	EPA-300.0
Sulfide (Reactivity)	<25.0	mg/L	25.0	1	12/23/16 11:04	GHD	SW-7.3.4

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: **Tetra Tech EM, Inc.**
Project Description: **Chromcraft**
Report No: **16-356-0251**

QC Prep Batch: L316081
QC Prep Batch Method: EPA-200.7 (PREP)
Analysis Method: EPA-200.7
Analysis Description: Total Metals

Lab Reagent Blank LRB-L316081 Matrix: AQU

Associated Lab Samples: 95427, 95429, 95431

Parameter	Units	Blank Result	MQL	Analyzed
Total Arsenic	mg/L	< 0.010	0.010	01/12/17 22:01
Total Barium	mg/L	< 0.010	0.010	01/12/17 22:01
Total Cadmium	mg/L	< 0.0020	0.0020	01/12/17 22:01
Total Chromium	mg/L	< 0.005	0.005	01/12/17 22:01
Total Copper	mg/L	< 0.005	0.005	01/12/17 22:01
Total Lead	mg/L	< 0.006	0.006	12/29/16 01:10
Total Selenium	mg/L	< 0.010	0.010	01/12/17 22:01
Total Silver	mg/L	< 0.005	0.005	01/12/17 22:01
Total Sodium	mg/L	< 0.500	0.500	01/12/17 22:01
Total Zinc	mg/L	< 0.010	0.010	01/12/17 22:01

Laboratory Control Sample LCS-L316081

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
Total Arsenic	mg/L	0.100	0.098	98.0	85-115
Total Barium	mg/L	1.00	0.936	93.6	85-115
Total Cadmium	mg/L	0.100	0.0968	96.8	85-115
Total Chromium	mg/L	1.00	1.05	105	85-115
Total Copper	mg/L	1.00	0.917	91.7	85-115
Total Lead	mg/L	0.100	0.095	95.0	85-115
Total Selenium	mg/L	0.100	0.093	93.0	85-115
Total Silver	mg/L	0.100	0.099	99.0	85-115
Total Sodium	mg/L	10.0	9.76	97.6	85-115
Total Zinc	mg/L	1.00	0.962	96.2	85-115

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: Tetra Tech EM, Inc.
Project Description: Chromcraft
Report No: 16-356-0251

QC Prep Batch: L316081
QC Prep Batch Method: EPA-200.7 (PREP)
Analysis Method: EPA-200.7
Analysis Description: Total Metals

Matrix Spike & Matrix Spike Duplicate L 95431-MS-L316081 L 95431-MSD-L316081

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
Total Arsenic	mg/L	< 50.0	0.500	0.500	27.6	27.6	0.0*	0.0*	70-130	0.0	20.0
Total Barium	mg/L	< 0.500	5.00	5.00	5.38	5.39	108	108	70-130	0.1	20.0
Total Cadmium	mg/L	0.135	0.500	0.500	0.730	0.720	119	117	70-130	1.3	20.0
Total Chromium	mg/L	19600	5.00	5.00	20600	20200	20000*	12000*	70-130	1.9	20.0
Total Copper	mg/L	237	5.00	5.00	261	254	480*	340*	70-130	2.7	20.0
Total Lead	mg/L	< 3.00	0.500	0.500	1.97	1.97	0.0*	0.0*	70-130	0.0	20.0
Total Selenium	mg/L	< 0.500	0.500	0.500	0.318	0.318	0.0*	0.0*	70-130	0.0	20.0
Total Silver	mg/L	< 0.250	0.500	0.500	0.575	0.575	115	115	70-130	0.0	20.0
Total Sodium	mg/L	2720	50.0	50.0	2920	2840	400*	240*	70-130	2.7	20.0
Total Zinc	mg/L	8.55	5.00	5.00	12.7	12.6	83.0	81.0	70-130	0.7	20.0

Post Digestion Spike L 95431-PDS-L316081

Parameter	Units	PDS Result	% Recovery	Analyzed
Total Arsenic	mg/L	1.20	96.0	01/03/17 23:40
Total Barium	mg/L	13.2	105	12/30/16 03:16
Total Cadmium	mg/L	1.32	105	12/30/16 03:16
Total Chromium	mg/L	108	97.5	12/30/16 04:52
Total Copper	mg/L	24.0	98.5	12/30/16 03:16
Total Lead	mg/L	1.25	100	12/30/16 03:16
Total Selenium	mg/L	1.26	101	12/30/16 03:16
Total Silver	mg/L	1.28	102	12/30/16 03:16
Total Sodium	mg/L	256	98.0	12/30/16 03:16
Total Zinc	mg/L	12.1	96.5	12/30/16 04:52

* QC Fail

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: **Tetra Tech EM, Inc.**
Project Description: **Chromcraft**
Report No: **16-356-0251**

QC Prep Batch: L316094 **Analysis Method:** EPA-245.1
QC Prep Batch Method: EPA-245.1 (PREP) **Analysis Description:** Mercury

Lab Reagent Blank LRB-L316094 Matrix: AQU

Associated Lab Samples: 95427, 95429, 95431

Parameter	Units	Blank Result	MQL	Analyzed
Mercury (Total)	mg/L	< 0.00020	0.00020	12/28/16 12:20

Laboratory Control Sample LCS-L316094

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
Mercury (Total)	mg/L	0.00400	0.00430	108	85-115

Matrix Spike & Matrix Spike Duplicate L 96182-MS-L316094 L 96182-MSD-L316094

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
Mercury (Total)	mg/L	< 0.00020	0.00400	0.00400	0.00430	0.00401	108	100	70-130	6.9	20.0

Post Digestion Spike L 96182-PDS-L316094

Parameter	Units	PDS Result	% Recovery	Analyzed
Mercury (Total)	mg/L	0.00509	102	12/28/16 13:06

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: **Tetra Tech EM, Inc.**
Project Description: **Chromcraft**
Report No: **16-356-0251**

QC Prep Batch: L316321
QC Prep Batch Method: EPA-300.0 (PREP)
Analysis Method: EPA-300.0
Analysis Description: Anions by Ion Chromatography

Lab Reagent Blank LRB-L316321 Matrix: AQU

Associated Lab Samples: 95427, 95429, 95431

Parameter	Units	Blank Result	MQL	Analyzed
Sulfate	mg/L	< 1.00	1.00	12/28/16 08:55

Laboratory Control Sample LCS-L316321

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
Sulfate	mg/L	69.4	69.0	99.3	90-110

Matrix Spike & Matrix Spike Duplicate L 96588-MS-L316321 L 96588-MSD-L316321

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
Sulfate	mg/L	2.21	69.4	69.4	72.6	72.8	101	102	80-120	0.2	20.0

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: **Tetra Tech EM, Inc.**
Project Description: **Chromcraft**
Report No: **16-356-0251**

QC Prep Batch: L316484
QC Prep Batch Method: SM-2310B
Analysis Method: 2310B-2011
Analysis Description: Acidity

Duplicate L 95415-DUP

Parameter	Units	Result	DUP Result	RPD	Max RPD	Analyzed
Acidity (as CaCO3)	mg/L	< 100	< 100	0.0	15	12/30/16 10:44

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: **Tetra Tech EM, Inc.**
Project Description: **Chromcraft**
Report No: **16-356-0251**

QC Prep Batch: L316628
QC Prep Batch Method: SM-2320 B
Analysis Method: 2320B-2011
Analysis Description: Alkalinity

Duplicate L 95406-DUP

Parameter	Units	Result	DUP Result	RPD	Max RPD	Analyzed
Alkalinity (as CaCO3)	mg/L	700	700	0.0	10	01/03/17 10:29

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: **Tetra Tech EM, Inc.**
Project Description: **Chromcraft**
Report No: **16-356-0251**

QC Prep Batch: L316020
QC Prep Batch Method: SM-2540B
Analysis Method: 2540B-2011
Analysis Description: Total Solids

Lab Reagent Blank LRB Matrix: AQU

Associated Lab Samples: 95427, 95429, 95431

Parameter	Units	Blank Result	MQL	Analyzed
Total Solids	mg/L	< 10	10	12/23/16 13:46

Laboratory Control Sample LCS

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
Total Solids	mg/L	250	228	91.2	90-110

Duplicate L 95427-DUP

Parameter	Units	Result	DUP Result	RPD	Max RPD	Analyzed
Total Solids	mg/L	118000	213000	57.4*	10	12/23/16 13:46

* QC Fail

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: Tetra Tech EM, Inc.
Project Description: Chromcraft
Report No: 16-356-0251

QC Prep Batch: L315671 **Analysis Method:** 2540D-2011
QC Prep Batch Method: SM-2540D **Analysis Description:** Total Suspended Solids

Lab Reagent Blank LRB Matrix: AQU

Associated Lab Samples: 95427, 95429

Parameter	Units	Blank Result	MQL	Analyzed
Total Suspended Solids	mg/L	< 2	2	12/21/16 15:10

Duplicate L 95429-DUP

Parameter	Units	Result	DUP Result	RPD	Max RPD	Analyzed
Total Suspended Solids	mg/L	5	4	22.2*	10	12/21/16 15:10

QC Prep Batch: L315716 **Analysis Method:** 2540D-2011
QC Prep Batch Method: SM-2540D **Analysis Description:** Total Suspended Solids

Lab Reagent Blank LRB Matrix: AQU

Associated Lab Samples: 95431

Parameter	Units	Blank Result	MQL	Analyzed
Total Suspended Solids	mg/L	< 2	2	12/21/16 16:30

Duplicate L 95571-DUP

Parameter	Units	Result	DUP Result	RPD	Max RPD	Analyzed
Total Suspended Solids	mg/L	< 5	< 5	0.0	10	12/21/16 16:30

* QC Fail

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: **Tetra Tech EM, Inc.**
Project Description: **Chromcraft**
Report No: **16-356-0251**

QC Prep Batch: L316535
QC Prep Batch Method: SM-4500CNE
Analysis Method: 4500CNE-2011
Analysis Description: Total Cyanide

Lab Reagent Blank LRB Matrix: AQU

Associated Lab Samples: 95427, 95429, 95431

Parameter	Units	Blank Result	MQL	Analyzed
Cyanide, Total	mg/L	< 0.005	0.005	12/31/16 12:30

Laboratory Control Sample LCS

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
Cyanide, Total	mg/L	0.200	0.190	95.0	90-110

Duplicate L 95811-DUP

Parameter	Units	Result	DUP Result	RPD	Max RPD	Analyzed
Cyanide, Total	mg/L	0.225	0.213	5.4	20.0	12/31/16 12:30

Matrix Spike L 95811-MS

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	%Rec Limits	RPD	Max RPD
Cyanide, Total	mg/L	0.225	0.200		0.389		82.0	70-130		

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: **Tetra Tech EM, Inc.**
Project Description: **Chromcraft**
Report No: **16-356-0251**

QC Prep Batch: L316006 **Analysis Method:** 4500S2G-2011
QC Prep Batch Method: SM-4500S2G **Analysis Description:** Sulfide by ISE

Lab Reagent Blank LRB Matrix: AQU

Associated Lab Samples: 95427, 95429, 95431

Parameter	Units	Blank Result	MQL	Analyzed
Sulfide	mg/L	< 1.00	1.00	12/23/16 11:04

Laboratory Control Sample LCS

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
Sulfide	mg/L	5.01	4.58	91.4	80-120

Duplicate G 88977-DUP

Parameter	Units	Result	DUP Result	RPD	Max RPD	Analyzed
Sulfide	mg/L	< 1.00	< 1.00	0.0	20.0	12/23/16 11:04

Matrix Spike G 88977-MS

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	%Rec Limits	RPD	Max RPD
Sulfide	mg/L	< 1.02	2.04		1.98		97.0	70-130		

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: Tetra Tech EM, Inc.
Project Description: Chromcraft
Report No: 16-356-0251

QC Prep Batch: L316754
QC Prep Batch Method: 3005A
Analysis Method: 6010C
Analysis Description: Metals Analysis (TCLP)

Lab Reagent Blank LRB-L316754 Matrix: TCL

Associated Lab Samples: 95426, 95428, 95430

Parameter	Units	Blank Result	MQL	Analyzed
TCLP Arsenic	mg/L	< 0.025	0.025	01/12/17 23:00
TCLP Barium	mg/L	< 0.025	0.025	01/12/17 23:00
TCLP Cadmium	mg/L	< 0.005	0.005	01/12/17 23:00
TCLP Chromium	mg/L	< 0.010	0.010	01/13/17 14:29
TCLP Lead	mg/L	< 0.010	0.010	01/13/17 14:29
TCLP Selenium	mg/L	< 0.050	0.050	01/12/17 23:00
TCLP Silver	mg/L	< 0.005	0.005	01/12/17 23:00

Laboratory Control Sample LCS-L316754

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
TCLP Arsenic	mg/L	0.100	0.099	99.0	80-120
TCLP Barium	mg/L	1.00	0.956	95.6	80-120
TCLP Cadmium	mg/L	0.100	0.098	98.0	80-120
TCLP Chromium	mg/L	1.00	1.05	105	80-120
TCLP Lead	mg/L	0.100	0.104	104	80-120
TCLP Selenium	mg/L	0.100	0.094	94.0	80-120
TCLP Silver	mg/L	0.100	0.098	98.0	80-120

Matrix Spike & Matrix Spike Duplicate L 96956-MS-L316754 L 96956-MSD-L316754

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
TCLP Arsenic	mg/L	< 0.025	0.500	0.500	0.517	0.502	103	100	75-125	2.9	20.0
TCLP Barium	mg/L	1.53	5.00	5.00	6.35	6.20	96.4	93.4	75-125	2.3	20.0
TCLP Cadmium	mg/L	< 0.005	0.500	0.500	0.496	0.480	99.2	96.0	75-125	3.2	20.0
TCLP Chromium	mg/L	0.025	5.00	5.00	4.89	4.74	97.3	94.3	75-125	3.1	20.0
TCLP Lead	mg/L	< 0.010	0.500	0.500	0.478	0.465	95.6	93.0	75-125	2.7	20.0

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: **Tetra Tech EM, Inc.**
Project Description: **Chromcraft**
Report No: **16-356-0251**

QC Prep Batch: L316754
QC Prep Batch Method: 3005A
Analysis Method: 6010C
Analysis Description: Metals Analysis (TCLP)

Matrix Spike & Matrix Spike Duplicate L 96956-MS-L316754 L 96956-MSD-L316754

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
TCLP Selenium	mg/L	< 0.050	0.500	0.500	0.551	0.535	110	107	75-125	2.9	20.0
TCLP Silver	mg/L	< 0.005	0.500	0.500	0.502	0.506	100	101	75-125	0.7	20.0

Post Digestion Spike L 96956-PDS-L316754

Parameter	Units	PDS Result	% Recovery	Analyzed
TCLP Arsenic	mg/L	0.249	99.9	01/05/17 03:06
TCLP Barium	mg/L	3.19	97.7	01/05/17 03:06
TCLP Cadmium	mg/L	0.248	99.4	01/05/17 03:06
TCLP Chromium	mg/L	2.51	99.7	01/05/17 03:06
TCLP Lead	mg/L	0.249	99.6	01/06/17 13:15
TCLP Selenium	mg/L	0.258	103	01/05/17 03:06
TCLP Silver	mg/L	0.254	102	01/05/17 03:06

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Quality Control Data

Client ID: **Tetra Tech EM, Inc.**
Project Description: **Chromcraft**
Report No: **16-356-0251**

QC Prep Batch: L316759 **Analysis Method:** 7470A
QC Prep Batch Method: 7470A **Analysis Description:** Total Aqueous Mercury Analysis - CVA

Lab Reagent Blank LRB-L316759 Matrix: TCL

Associated Lab Samples: 95426, 95428, 95430

Parameter	Units	Blank Result	MQL	Analyzed
TCLP Mercury	mg/L	< 0.0010	0.0010	01/04/17 12:15

Laboratory Control Sample LCS-L316759

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
TCLP Mercury	mg/L	0.0040	0.0040	100	80-120

Matrix Spike & Matrix Spike Duplicate L 96956-MS-L316759 L 96956-MSD-L316759

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
TCLP Mercury	mg/L	< 0.0200	0.0800	0.0800	0.0816	0.0834	102	104	80-120	2.1	20.0

Post Digestion Spike L 96956-PDS-L316759

Parameter	Units	PDS Result	% Recovery	Analyzed
TCLP Mercury	mg/L	0.104	104	01/04/17 12:48

Waypoint ANALYTICAL
2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 º Fax 901.213.2440
www.waypointanalytical.com

Cooler Receipt Form

Customer Number: **06379**
Customer Name: **Tetra Tech EM, Inc.**
Report Number: **16-356-0251**

Shipping Method

○ Fed Ex ○ US Postal ○ Lab ○ Other :
○ UPS ● Client ○ Courier Thermometer ID: #10

Shipping container/cooler uncompromised?	● Yes	○ No	
Number of coolers received	2		
Custody seals intact on shipping container/cooler?	○ Yes	○ No	● Not Required
Custody seals intact on sample bottles?	○ Yes	○ No	● Not Required
Chain of Custody (COC) present?	● Yes	○ No	
COC agrees with sample label(s)?	● Yes	○ No	
COC properly completed	● Yes	○ No	
Samples in proper containers?	● Yes	○ No	
Sample containers intact?	● Yes	○ No	
Sufficient sample volume for indicated test(s)?	● Yes	○ No	
All samples received within holding time?	● Yes	○ No	
Cooler temperature in compliance?	○ Yes	● No	
Cooler/Samples arrived at the laboratory on ice. Samples were considered acceptable as cooling process had begun.	● Yes	○ No	
Water - Sample containers properly preserved	● Yes	○ No	○ N/A
Water - VOA vials free of headspace	○ Yes	○ No	● N/A
Trip Blanks received with VOAs	○ Yes	○ No	● N/A
Soil VOA method 5035 – compliance criteria met	○ Yes	○ No	● N/A

☐ High concentration container (48 hr) ☐ Low concentration EnCore samplers (48 hr)
☐ High concentration pre-weighed (methanol -14 d) ☐ Low conc pre-weighed vials (Sod Bis -14 d)

Special precautions or instructions included?	○ Yes	● No

Comments: Cooler temps @ 8.1 & 7.6 degrees C

Any regulatory non-compliance issues will be recorded on non-compliance report.

Signature: Danyale Love Date & Time: 12/21/2016 10:40:21

Waypoint ANALYTICAL

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440

Kit ID:	0000074505
Initiated By:	Randy Thomas
Project Commment	

CHAIN-OF-CUSTOD

Tetra Tech EM, Inc.
Chromcraft

16-356-0251
06379
12-21-2016
10:39:26

Company Name	Company Number	Client Project Manager/Contact	Purchase Order Number
Tetra Tech EM, Inc.	06379	Tetra Tech EM, Inc.	
Site Name Chrome Craft	**Project Number** 103X902701061	☐ RUSH – Additional charges apply ☐ Special Detection Limits(s) Date Results Needed	**Method of Shipment** ☐ Fed Ex ☐ UPS ☐ USPS ☐ Courier ☒ Client Drop Off Other
LIMS Project ID Tetra Tech - Chromcraft	**Project Manager Phone #** Todd Taylor 615-992-5556 (687) 775-3104	**Project Manager Email** Todd.taylor@tetratech.com	**Site/Facility ID #**

Date	Time	Sample ID	Matrix	Grab/ Comp	# of Cont	Container Type	Preservation	Analyses
12/20/16	11:32	V91220161132	Aqueous	G	3	Plastic - Quart	NONE	TCLP Metals/TSS/TS/SS/SO4/pH/Alk/Acid
12/20/16	11:32	V91220161132	Aqueous	G	1	Plastic - Pint	NaOH - Sodium Hydroxide	CNA/CNT
12/20/16	11:32	V91220161132	Aqueous	G	1	Plastic - Pint	HNO3 - Nitric Acid	RCRA Metals/Cu/Na/Zn
12/20/16	11:32	V91220161132	Aqueous	G	1	Plastic - Pint	ZnAc+NaOH - Zinc Acetate+Sodium Hydroxide	Total & React Sulfide
12/20/16	13:00	V34122016 1300	Aqueous	G	3	Plastic - Quart	NONE	TCLP Metals/TSS/TS/SS/SO4/pH/Alk/Acid
12/20/16	13:00	V34122016 1300	Aqueous	G	1	Plastic - Pint	NaOH - Sodium Hydroxide	CNA/CNT
12/20/16	1300	V34122016 1300	Aqueous	G	1	Plastic - Pint	HNO3 - Nitric Acid	RCRA Metals/Cu/Na/Zn

For Laboratory Use Only			Sampled by (Name - Print)	Client Remarks/Comments		
Ice Y/N	Custody Seals Y/N	Lab Comments	Todd Taylor			
		Approval to analyze per Todd Taylor 02 12/21/16	Relinquished by: (SIGNATURE) Todd Taylor	Date Time 12/20/16	Received by: (SIGNATURE)	Date Time
			Relinquished by: (SIGNATURE)	Date Time	Received by: (SIGNATURE)	Date Time
Blank/Cooler Temp 8.1, 7.6 °C TIUBS			Relinquished by: (SIGNATURE)	Date Time	Received by: (SIGNATURE) S. Cook	Date Time 12/20/16 1830

1/3

Waypoint ANALYTICAL

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypoint

Kit ID:	0000074505
Initiated By:	Randy Thomas
Project Commment	

CHAIN-OF-CUSTOD

16-356-0251
06379
12-21-2016
10:39:26
Tetra Tech EM. Inc.
Chromcraft

Company Name	Company Number	Client Project Manager/Contact	Purchase Order Number
Tetra Tech EM, Inc.	06379	Tetra Tech EM, Inc.	
Site Name	**Project Number**	☐ RUSH – Additional charges apply ☐ Special Detection Limits(s) Date Results Needed	**Method of Shipment** ☐ Fed Ex ☐ UPS ☐ USPS ☐ Courier ☑ Client Drop Off Other
Chrome Craft	103X902701061		
LIMS Project ID	**Project Manager Phone #**	**Project Manager Email**	**Site/Facility ID #**
Tetra Tech - Chromcraft	Todd Taylor 615-992-5556 (687) 775-3104	todd.Taylor@tetratech.com	

Date	Time	Sample ID	Matrix	Grab/ Comp	# of Cont	Container Type	Preservation	Analyses
12/20/16	13:00	V341220161300	Aqueous	G	1	Plastic - Pint	ZnAc+NaOH - Zinc Acetate+Sodium Hydroxide	Total & React Sulfide
12/20/16	13:20	V351220161320	Aqueous	G	3	Plastic - Quart	NONE	TCLP Metals/TSS/TS/SS/SO4/pH/Alk/Acid
12/20/16	13:20	V351220161320	Aqueous	G	1	Plastic - Pint	NaOH - Sodium Hydroxide	CNA/CNT
12/20/16	13:20	V351220161320	Aqueous	G	1	Plastic - Pint	HNO3 - Nitric Acid	RCRA Metals/Cu/Na/Zn
12/20/16	13:20	V351220161320	Aqueous	G	1	Plastic - Pint	ZnAc+NaOH - Zinc Acetate+Sodium Hydroxide	Total & React Sulfide
			Aqueous	G	3	Plastic - Quart	NONE	TCLP Metals/TSS/TS/SS/SO4/pH/Alk/Acid
			Aqueous	G	1	Plastic - Pint	NaOH - Sodium Hydroxide	CNA/CNT

For Laboratory Use Only			Sampled by (Name - Print)	Client Remarks/Comments			
Ice Y/N	Custody Seals Y/N	Lab Comments	Todd Taylor				
			Relinquished by: (SIGNATURE)	Date Time	Received by: (SIGNATURE)	Date Time	
			Todd Taylor	12/20/16			
Blank/Cooler Temp			Relinquished by: (SIGNATURE)	Date Time	Received by: (SIGNATURE)	Date Time	
8.1, 7.6°C TIO BS			Relinquished by: (SIGNATURE)	Date Time	Received by: (SIGNATURE)	Date Time	
					12/20/16 1830		

2/3

CORNERSTONE LABORATORIES LLC

1775 Moriah Woods Blvd., Ste. 12 ▪ Memphis, TN 38117 ▪ (901) 398-4001 Fax: (901) 398-4223

Cornerstone Report#: 138-17-006
Attn: Patrick McDermott, Kemron Environmental Services, Inc.
Address; 1359 Ellsworth Industrial Blvd., Atlanta GA 30318
Cornerstone Reference #(s): 137418.

Date Sampled: 05/18/17
Date Received: 05/18/17
Date of Report: 05/30/17

Laboratory Results

Waste Water Sample 518171117-05/18/17

Analysis	Results	Units	Method	Date Analyzed
Physical				
Biochemical Oxygen Demand	90	mg/L	USEPA-405.1	05/18/17
pH	8.44	s.u.	USEPA-150.1	05/18/17
Total Dissolved Solids	3,720	mg/L	USEPA-160.1	05/23/17
Total Kjeldahl Nitrogen	3.4	mg/L	USEPA-351	05/22/17
Nitrate/Nitrite	1.2	mg/L	USEPA-353	05/23/17
Oil & Grease	<5	mg/L	USEPA-1664	05/24/17
Total Phosphorous (as P)	0.325	mg/L	USEPA-365	05/22/17
Total Hardness (as $CaCO_3$)	69	mg/L	USEPA-130	05/23/17
Amenable Cyanide	0.012	mg/L	USEPA-335.1	05/24/17
Total Phenolics	<0.01	mg/L	USEPA-420	05/22/17
Metals				
Total Magnesium	1.095	mg/L	USEPA-200.7	05/23/17
Total Calcium	26.2	mg/L	USEPA-200.7	05/23/17
Total Antimony	0.008	mg/L	USEPA-200.8	05/25/17
Total Arsenic	0.009	mg/L	USEPA-200.8	05/25/17
Total Beryllium	<0.0005	mg/L	USEPA-200.8	05/25/17
Total Cadmium	<0.0001	mg/L	USEPA-200.8	05/25/17
Total Chromium	0.089	mg/L	USEPA-200.7	05/23/17
Hexavalent Chromium	<0.005	mg/L	USEPA-218.5	05/22/17
Total Copper	0.078	mg/L	USEPA-200.7	05/23/17
Total Lead	<0.0005	mg/L	USEPA-200.8	05/25/17
Total Mercury	<0.0002	mg/L	USEPA-245	05/25/17
Total Nickel	0.930	mg/L	USEPA-200.7	05/23/17
Total Selenium	<0.002	mg/L	USEPA-200.8	05/25/17
Total Silver	<0.0001	mg/L	USEPA-200.8	05/25/17
Total Thallium	<0.0005	mg/L	USEPA-200.8	05/25/17
Total Zinc	0.055	mg/L	USEPA-200.7	05/23/17

CORNERSTONE LABORATORIES LLC

1775 Moriah Woods Blvd., Ste. 12 ▪ Memphis, TN 38117 ▪ (901) 398-4001 Fax: (901) 398-4223

Cornerstone Report#: 138-17-006
Attn: Patrick McDermott, Kemron Environmental Services, Inc.
Address; 1359 Ellsworth Industrial Blvd., Atlanta GA 30318
Cornerstone Reference #(s): 137418.

Date Sampled: 05/18/17
Date Received: 05/18/17
Date of Report: 05/30/17

Laboratory Results

Waste Water Sample 518171117-05/18/17

Analysis	Results	Units	Method	Date Analyzed
Volatile Organic Compounds				
Acrolein	<0.020	mg/L	USEPA-624	05/23/17
Acrylonitrile	<0.020	mg/L	USEPA-624	05/23/17
Benzene	<0.001	mg/L	USEPA-624	05/23/17
Bromoform	<0.001	mg/L	USEPA-624	05/23/17
Carbon Tetrachloride	<0.001	mg/L	USEPA-624	05/23/17
Chlorobenzene	<0.001	mg/L	USEPA-624	05/23/17
Chlorodibromomethane	<0.001	mg/L	USEPA-624	05/23/17
Chloroethane	<0.001	mg/L	USEPA-624	05/23/17
2-Chloroethyl-vinyl Ether	<0.005	mg/L	USEPA-624	05/23/17
Chloroform	<0.001	mg/L	USEPA-624	05/23/17
Dichlorobromomethane	<0.001	mg/L	USEPA-624	05/23/17
1,1-Dichloroethane	<0.001	mg/L	USEPA-624	05/23/17
1,2-Dichloroethane	<0.001	mg/L	USEPA-624	05/23/17
1,1-Dichloroethylene	<0.001	mg/L	USEPA-624	05/23/17
1,2-Dichloropropane	<0.001	mg/L	USEPA-624	05/23/17
1,3-Dichloropropylene	<0.001	mg/L	USEPA-624	05/23/17
Ethylbenzene	<0.001	mg/L	USEPA-624	05/23/17
Methylbromide	<0.001	mg/L	USEPA-624	05/23/17
Methyl Chloride	<0.001	mg/L	USEPA-624	05/23/17
Methylene Chloride	<0.010	mg/L	USEPA-624	05/23/17
1,1,2,2-Tetrachloroethane	<0.001	mg/L	USEPA-624	05/23/17
Tetrachloroethane	<0.001	mg/L	USEPA-624	05/23/17
Tetrachloroethylene	<0.001	mg/L	USEPA-624	05/23/17
Toluene	<0.005	mg/L	USEPA-624	05/23/17
trans-Dichloroethylene	<0.001	mg/L	USEPA-624	05/23/17
1,1,1-Trichloroethane	<0.001	mg/L	USEPA-624	05/23/17
1,1,2-Trichloroethane	<0.001	mg/L	USEPA-624	05/23/17
Trichloroethylene	<0.001	mg/L	USEPA-624	05/23/17
Vinyl Chloride	<0.002	mg/L	USEPA-624	05/23/17

CORNERSTONE LABORATORIES LLC

1775 Moriah Woods Blvd., Ste. 12 ▪ Memphis, TN 38117 ▪ (901) 398-4001 Fax: (901) 398-4223

Cornerstone Report#: 138-17-006
Attn: Patrick McDermott, Kemron Environmental Services, Inc.
Address; 1359 Ellsworth Industrial Blvd., Atlanta GA 30318
Cornerstone Reference #(s): 137418.

Date Sampled: 05/18/17
Date Received: 05/18/17
Date of Report: 05/30/17

Laboratory Results

Waste Water Sample 518171117-05/18/17

Analysis	Results	Units	Method	Date Analyzed
Acid Extractable Organic Compounds				
2-Chlorophenol	<0.005	mg/L	USEPA-625	05/26/17
2,4-Dichlorophenol	<0.005	mg/L	USEPA-625	05/26/17
2,4-Dimethylphenol	<0.005	mg/L	USEPA-625	05/26/17
4,6-Dinitro-o-Cresol	<0.010	mg/L	USEPA-625	05/26/17
2,4-Dinitrophenol	<0.005	mg/L	USEPA-625	05/26/17
2-Nitrophenol	<0.005	mg/L	USEPA-625	05/26/17
4-Nitrophenol	<0.020	mg/L	USEPA-625	05/26/17
p-Chloro-m-Cresol	<0.005	mg/L	USEPA-625	05/26/17
Pentachlorophenol	<0.005	mg/L	USEPA-625	05/26/17
Phenol	<0.005	mg/L	USEPA-625	05/26/17
2,4,6-Trichlorophenol	<0.005	mg/L	USEPA-625	05/26/17
Base/Neutral Extractable Organic Compounds				
Acenaphthene	<0.002	mg/L	USEPA-625	05/26/17
Acenaphtylene	<0.002	mg/L	USEPA-625	05/26/17
Anthracene	<0.002	mg/L	USEPA-625	05/26/17
Benzidine	<0.010	mg/L	USEPA-625	05/26/17
Benzo(a)Anthracene	<0.002	mg/L	USEPA-625	05/26/17
Benzo(a)Pyrene	<0.002	mg/L	USEPA-625	05/26/17
3,4-Benzo-Fluoranthene	<0.002	mg/L	USEPA-625	05/26/17
Benzo(g,h,i)Perylene	<0.002	mg/L	USEPA-625	05/26/17
Benzo(k)Fluoranthene	<0.002	mg/L	USEPA-625	05/26/17
Bis(2-Chloroethoxy)Methane	<0.005	mg/L	USEPA-625	05/26/17
Bis(2-Chloroethyl)Ether	<0.005	mg/L	USEPA-625	05/26/17
Bis(2-Chloroisopropyl)Ether	<0.005	mg/L	USEPA-625	05/26/17
Bis(2-Ethylhexyl)Phthalate	<0.010	mg/L	USEPA-625	05/26/17
4-Bromophenyl Phenyl Ether	<0.005	mg/L	USEPA-625	05/26/17
Butyl Benzyl Phthalate	<0.005	mg/L	USEPA-625	05/26/17
2-Chloronaphthalene	<0.005	mg/L	USEPA-625	05/26/17
4-Chlorophenyl Phenyl Ether	<0.005	mg/L	USEPA-625	05/26/17
Chrysene	<0.002	mg/L	USEPA-625	05/26/17
Dibenzo(a,h)Anthracene	<0.005	mg/L	USEPA-625	05/26/17
1,2-Dichlorobenzene	<0.005	mg/L	USEPA-625	05/26/17
1,3-Dichlorobenzene	<0.005	mg/L	USEPA-625	05/26/17
1,4-Dichlorobenzene	<0.005	mg/L	USEPA-625	05/26/17
3,3-Dichlorobenzidine	<0.005	mg/L	USEPA-625	05/26/17

CORNERSTONE LABORATORIES LLC

1775 Moriah Woods Blvd., Ste. 12 ▪ Memphis, TN 38117 ▪ (901) 398-4001 Fax: (901) 398-4223

Cornerstone Report#: 138-17-006
Attn: Patrick McDermott, Kemron Environmental Services, Inc.
Address; 1359 Ellsworth Industrial Blvd., Atlanta GA 30318
Cornerstone Reference #(s): 137418.

Date Sampled: 05/18/17
Date Received: 05/18/17
Date of Report: 05/30/17

Laboratory Results

Waste Water Sample 518171117-05/18/17

Analysis	Results	Units	Method	Date Analyzed
Base/Neutral Extractable Organic Compounds				
Diethyl Phthalate	<0.005	mg/L	USEPA-625	05/26/17
Dimethyl Phthalate	<0.005	mg/L	USEPA-625	05/26/17
Di-N-Butyl Phthalate	<0.005	mg/L	USEPA-625	05/26/17
2,4-Dinitrotoluene	<0.005	mg/L	USEPA-625	05/26/17
2,6-Dinitrotoluene	<0.005	mg/L	USEPA-625	05/26/17
Di-N-Octyl Phthalate	<0.005	mg/L	USEPA-625	05/26/17
1,2-Diphenylhydrazine	<0.005	mg/L	USEPA-625	05/26/17
Fluoranthene	<0.002	mg/L	USEPA-625	05/26/17
Fluorene	<0.002	mg/L	USEPA-625	05/26/17
Hexachlorobenzene	<0.005	mg/L	USEPA-625	05/26/17
Hexachlorobutadiene	<0.005	mg/L	USEPA-625	05/26/17
Hexachlorocyclopentadiene	<0.005	mg/L	USEPA-625	05/26/17
Hexachloroethane	<0.005	mg/L	USEPA-625	05/26/17
Indeno(1,2,3,cd)Pyrene	<0.002	mg/L	USEPA-625	05/26/17
Isophorone	<0.005	mg/L	USEPA-625	05/26/17
Naphthalene	<0.005	mg/L	USEPA-625	05/26/17
Nitrobenzene	<0.005	mg/L	USEPA-625	05/26/17
N-Nitrosodimethylamine	<0.005	mg/L	USEPA-625	05/26/17
N-Nitrosodi-n-propylamine	<0.005	mg/L	USEPA-625	05/26/17
N-Nitrododiphenylamine	<0.010	mg/L	USEPA-625	05/26/17
Phenanthrene	<0.002	mg/L	USEPA-625	05/26/17
Pyrene	<0.002	mg/L	USEPA-625	05/26/17
1,2,4-Trichlorobenzene	<0.005	mg/L	USEPA-625	05/26/17

Methods

Reference: USEPA-40CFR, Part 136.

Comments

All analytical control parameters were within laboratory quality limits.

Samuel J. LaBonia
President and Technical Director

CORNERSTONE LABORATORIES LLC

1775 Moriah Woods Blvd., Ste. 12 ▪ Memphis, TN 38117 ▪ (901) 398-4001 Fax: (901) 398-4223

Cornerstone Report#: 086-17-010
Attn: Patrick McDermott, Kemron Environmental Services.
Cornerstone Reference #(s): 136466.
Sample Description: Aqueous.

Date Sampled: 04/05/17
Date Received: 04/05/17
Date of Report: 04/07/17

Analytical Results

V2204051200

Analysis	Results	Units	Method	Detection Limit
Physical				
Total Solids	0.018	%, w/v	Vac Oven	0.005
Total Cyanide	1.80[1]	%, w/v	EPA-335.1	0.01
Amenable Cyanide	1.10[1]	%, w/v	EPA-335.1	0.01
Reactive Cyanide	0.0015[1]	%, w/v	SW846-7.3.3	0.0001
Metals				
Arsenic	<1[2]	mg/L	EPA-200.7	1
Barium	<1[2]	mg/L	EPA-200.7	1
Cadmium	<1[2]	mg/L	EPA-200.7	1
Chromium	10[2]	mg/L	EPA-200.7	1
Nickel	1,950[2]	mg/L	EPA-200.7	1
Lead	<1[2]	mg/L	EPA-200.7	1
Selenium	<1[2]	mg/L	EPA-200.7	1
Silver	22[2]	mg/L	EPA-200.7	1

[1]All Cyanide concentrations are estimated due to the hazardous nature of the sample. Quality control samples could not be verified and further dilution of the sample was suspended due to the danger to laboratory personnel encountered in the laboratory.

[2]All Metals concentrations are estimated due to the hazardous nature of the sample. Quality control samples could not be verified and further dilution of the sample was suspended due to the danger of damaging analytical instrumentation.

Samuel J. LaBonia
President and Technical Director

EPA#TN01074
AOCS#485183

AOAC#93939
APHA#9798654
ASTA LISTED

CORNERSTONE LABORATORIES LLC

1775 Moriah Woods Blvd., Ste. 12 ▪ Memphis, TN 38117 ▪ (901) 398-4001 Fax: (901) 398-4223

Cornerstone Report#: 117-17-009
Attn: Patrick McDermott, Kemron Environmental Services.
Cornerstone Reference #(s): 136990.
Sample Description: Sludge.

Date Sampled: 04/27/17
Date Received: 04/27/17
Date of Report: 05/03/17

Analytical Results

WWTP Sludge 042717 12:00

Analysis	Results	Units	Method	Detection Limit
Physical				
Total Cyanide	1.88	%, w/w	EPA-9010A	0.05
Amenable Cyanide	0.68	%, w/w	EPA-9010A	0.05
Metals (as TCLP)				
Cadmium	<0.05	mg/L	EPA-1311/6010B	0.05
Chromium	0.17	mg/L	EPA-1311/6010B	0.05
Nickel	82.2	mg/L	EPA-1311/6010B	0.1
Lead	<0.05	mg/L	EPA-1311/6010B	0.05
Silver	<0.01	mg/L	EPA-1311/6010B	0.01

Samuel J. LaBonia
President and Technical Director

EPA#TN01074
AOCS#485183

AOAC#93939
APHA#9798654
ASTA LISTED

CORNERSTONE LABORATORIES LLC

1775 Moriah Woods Blvd., Ste. 12 ▪ Memphis, TN 38117 ▪ (901) 398-4001 Fax: (901) 398-4223

Cornerstone Report#: 117-17-009
Attn: Patrick McDermott, Kemron Environmental Services.
Cornerstone Reference #(s): 136990.
Sample Description: Sludge.

Date Sampled: 04/27/17
Date Received: 04/27/17
Date of Report: 05/03/17

Analytical Results

WWTP Sludge 042717 12:00

Analysis	Results	Units	Method	Detection Limit
Physical				
Total Cyanide	1.88	%, w/w	EPA-9010A	0.05
Amenable Cyanide	0.68	%, w/w	EPA-9010A	0.05
Metals (as TCLP)				
Cadmium	<0.05	mg/L	EPA-1311/6010B	0.05
Chromium	0.17	mg/L	EPA-1311/6010B	0.05
Nickel	82.2	mg/L	EPA-1311/6010B	0.1
Lead	<0.05	mg/L	EPA-1311/6010B	0.05
Silver	<0.01	mg/L	EPA-1311/6010B	0.01

Samuel J. LaBonia
President and Technical Director

EPA#TN01074
AOCS#485183

AOAC#93939
APHA#9798654
ASTA LISTED

ENCLOSURE 4

TETRA TECH PHOTOGRAPHIC LOG

(14 Pages)

OFFICIAL PHOTOGRAPH NO. 1
U.S. ENVIRONMENTAL PROTECTION AGENCY

TDD Number:	TT-01-061	**Location:**	Chromcraft Plating
Orientation:	West	**Date:**	April , 2017
Photographer:	Todd Taylor, Tetra Tech	**Witness:**	None

Subject: Chemicals found in the abandoned laboratory at the Chromcraft facility. Preparing the chemicals for lab-packing prior to disposal

OFFICIAL PHOTOGRAPH NO. 2
U.S. ENVIRONMENTAL PROTECTION AGENCY

TDD Number:	TT-01-061	**Location:**	Chromcraft Plating
Orientation:	Southeast	**Date:**	August 21, 2017
Photographer:	Todd Taylor, Tetra Tech	**Witness:**	None
Subject:	Container staging area with random containers found on site.		

OFFICIAL PHOTOGRAPH NO. 3
U.S. ENVIRONMENTAL PROTECTION AGENCY

TDD Number:	TT-01-061	**Location:**	Chromcraft Plating
Orientation:	Southeast	**Date:**	August 31, 2016
Photographer:	Todd Taylor, Tetra Tech	**Witness:**	None
Subject:	Transfer of chemicals from a damaged tote to a DOT-approved tote.		

OFFICIAL PHOTOGRAPH NO. 4
U.S. ENVIRONMENTAL PROTECTION AGENCY

TDD Number:	TT-01-061	**Location:**	Chromcraft Plating
Orientation:	Unknown	**Date:**	April 21, 2017
Photographer:	Todd Taylor, Tetra Tech	**Witness:**	None

Subject: Reducing site hazards by mixing toluene diisocynate (TDI) with a non-hazardous liquid polyol to produce foam.

OFFICIAL PHOTOGRAPH NO. 5
U.S. ENVIRONMENTAL PROTECTION AGENCY

TDD Number:	TT-01-061	**Location:**	Chromcraft Plating
Orientation:	Northwest	**Date:**	May 9, 2016
Photographer:	Todd Taylor, Tetra Tech	**Witness:**	None

Subject: Foam is the result of mixing toluene diisocynate (TDI) with a non-hazardous liquid polyol.

OFFICIAL PHOTOGRAPH NO. 6
U.S. ENVIRONMENTAL PROTECTION AGENCY

TDD Number:	TT-01-061	**Location:**	Chromcraft Plating
Orientation:	Southwest	**Date:**	April 21, 2017
Photographer:	Todd Taylor, Tetra Tech	**Witness:**	None
Subject:	Plating vat system.		

OFFICIAL PHOTOGRAPH NO. 7
U.S. ENVIRONMENTAL PROTECTION AGENCY

TDD Number:	TT-01-061	**Location:**	Chromcraft Plating
Orientation:	South	**Date:**	April 2017
Photographer:	Todd Taylor, Tetra Tech	**Witness:**	None

Subject: Tankers receiving vat contents for transportation to a disposal facility.

OFFICIAL PHOTOGRAPH NO. 8
U.S. ENVIRONMENTAL PROTECTION AGENCY

TDD Number:	TT-01-061	**Location:**	Chromcraft Plating
Orientation:	Southeast	**Date:**	July, 2017
Photographer:	Todd Taylor, Tetra Tech	**Witness:**	None
Subject:	Removing empty vats from the system line utilizing a hoist.		

OFFICIAL PHOTOGRAPH NO. 9
U.S. ENVIRONMENTAL PROTECTION AGENCY

TDD Number:	TT-01-061	**Location:**	Chromcraft Plating
Orientation:	Southwest	**Date:**	July 20, 2016
Photographer:	Todd Taylor, Tetra Tech	**Witness:**	Todd Taylor, Tetra Tech
Subject:	Vat removal utilizing a boom lift.		

OFFICIAL PHOTOGRAPH NO. 10
U.S. ENVIRONMENTAL PROTECTION AGENCY

TDD Number:	TT-01-061	**Location:**	Chromcraft Plating
Orientation:	East	**Date:**	August 12, 2017
Photographer:	Todd Taylor, Tetra Tech	**Witness:**	None
Subject:	Dry decontamination, scraping and vacuuming.		

OFFICIAL PHOTOGRAPH NO. 11
U.S. ENVIRONMENTAL PROTECTION AGENCY

TDD Number:	TT-01-061	**Location:**	Chromcraft Plating
Orientation:	Southwest	**Date:**	September 8, 2017
Photographer:	Todd Taylor, Tetra Tech	**Witness:**	None
Subject:	Solidifying vat sludge.		

OFFICIAL PHOTOGRAPH NO. 12
U.S. ENVIRONMENTAL PROTECTION AGENCY

TDD Number:	TT-01-061	**Location:**	Chromcraft Plating
Orientation:	Southeast	**Date:**	September 10, 2017
Photographer:	Todd Taylor, Tetra Tech	**Witness:**	None

Subject: Loading solidified vat material to a roll-off box for transport to a disposal facility.

OFFICIAL PHOTOGRAPH NO. 13
U.S. ENVIRONMENTAL PROTECTION AGENCY

TDD Number:	TT-01-061	**Location:**	Chromcraft Plating
Orientation:	Southeast	**Date:**	September 10, 2017
Photographer:	Todd Taylor, Tetra Tech	**Witness:**	None
Subject:	Decontamination of vat containment area.		

OFFICIAL PHOTOGRAPH NO. 14
U.S. ENVIRONMENTAL PROTECTION AGENCY

TDD Number:	TT-01-061	**Location:**	Chromcraft Plating
Orientation:	South	**Date:**	September 10 , 2017
Photographer:	Todd Taylor, Tetra Tech	**Witness:**	None
Subject:	Personal protective equipment.		

ENCLOSURE 5

TETRA TECH LOGBOOK NOTES

(50 Sheets)

1 OF 3

Rite in the Rain®

ALL-WEATHER

UNIVERSAL

№ 371FX

Chrome Craft
103X902701061

MADE IN TACOMA
— SINCE 1916 —
Rite in the Rain
— DEFYING MOTHER NATURE —

Name Todd Taylor

Address 1955 Evergreen Blvd.
Suite 300, bldg 200

Phone (615) 992-5556

Project Chrome Craft
103x902 70106/

RiteintheRain.com

CONTENTS

PAGE	REFERENCE	DATE
2-7	Site Activities Nov 2, 2016 thru Dec 21, 2016	7-2-17

103X902701061

Nov, 2, 2016

07:00 - Arrive on site START
Taylor & Croft
Walk site with
EPA OSC Sparli
10:00 - ER (Kemron) START
AND OSC Begin moving
found drums to a staging
area.
12:00 - Lunch
12:30 - START Begins collecting
samples from vats.
16:30 - Left site

Page Complete
Nov 2, 2016
Ted Taylor

Scale: 1 square = _____

103X902701031

NOV, 3, 2016

0700 - Site arrival START Taylor
& Croft
0710 - Tailgate Safety meeting
Kemron Continues to
Move found drums
to staging area.
07:30 - START Continues
sampling vats.
12:00 - START Kemron
using the Lubas
staging area for
Lab Chemicals.
12:30 Lunch
13:00 - START Collects
Water Trans samples
16:00 - Croft START leaves
site.
16:30 - Taylor drops samples
off At Lab.
17:30 - Off site

Page Complete
Ted Taylor
11/3/16

Scale: 1 square = _____

Rite in the Rain

103X902701061

Nov 4, 2016

0700 - Demobilization from site

12:00 - Arrive at office

Page Complete
Tues
11/4/16

Scale: 1 square = _____

103X902.7006

Dec 19, 2016

0700 - Site Arrival

0900 - Collecting Liquid Vat Samples

12:00 - Lunch

12:30 Return to sampling

17:00 - Sampling completed

17:30 Left site for Lab

22:00 - Arrive at HO office

Page Complete
12/19/17
Tues

Scale: 1 square = _____

Rite in the Rain

Dec 20, 2016

0700 - Continue inventory drums
0710 - Call gate safety
0730 - moving Second drums to Storage
0800 - Segregating Chemicals in Lab
12:00 Lunch
12:30 - Continue Segregating Lab Chemicals
15:30 - Hose down
16:00 off site

12/20/16

Page Complete
Today
12/20/16

Dec 21, 2016

0700 - Left Site
12:30 arrive at office

12/21/16

Page Complete
Today
12/21/16

Rite in the Rain

L03X902701061

Feb 15

0700 Site walk with new
Kamaran Project Mgr
15:00 Leave site -
20:00 Arrival office

Todd 2/15/17

Page Complete
Feb 15 2017
1020

END of Book
1020
7/12/17

Scale: 1 square = _____

Todd
7/12/17

Scale: 1 square = _____

Rite in the Rain

2 of 3

Rite in the Rain

ALL-WEATHER

UNIVERSAL

N° 371FX

ChromeCraft
103X902701061
TDD-01-061

MADE IN TACOMA
— SINCE 1916 —
Rite in the Rain
— DEFYING MOTHER NATURE —

Name Todd Taylor

Address 1955 Evergreen Blvd. Bldg 200
Suite 300 Duluth, GA 30090

Phone 615-992-5556

Project Chromecraft 103X902701061
TDI-01-061.

MADE IN USA RITE GREEN Archival

RiteintheRain.com

CONTENTS

PAGE	REFERENCE	DATE
2-18	Pumping vats for transport By Tanker for disposal	8/9/17
19-29	Segregating drums, setting up Piping an pumping TDI and Poly-Oly. meeting with City on discharging water from WWTP Tanks.	8/9/19
30-48	Site activities - Drum labeling Disposal of vats drums Cleaning vats - Poly 250 TANKS.	

103X902701061

4/4/17

15:00 Mobe to Hernando MS

20:00 ARRIVE AT Hernando MS

Todd 4/6/17

Page Complete
Todd
4/6/17

Scale: 1 square = _____

103X902701061

4/5/17

0700 START AT Site

0710 - Kemron H.S meeting

08:00 - Kemron - setting up.

12:00 Pull Vat 22 and Vat 31 samples.

13:00 delivering samples for Kemron

1500 START RETURN TO Site

16:00 OBSERVING Kemron setting up pumps + Hoses.

1730 Left Site

Todd 4/7/17

Page Complete
Todd
4/7/17

Scale: 1 square = _____

Rite in the Rain

craft
103X902701061

4/6/17

0600 - START ARRIVES on site.
0615 - Kemron on site /
Vickery on site with
TANKER positioning TRUCK.
7:27 ~~0720~~ TAT - Begin Pumping TO TRUCK
0800 - Hoses and Pump operating
properly, VAT 34
8:27 No sludge estimated
50 gal Remaining in vat
34 Pumping Complete
08:40 TRUCK Driver measure
the load and it
measured at 28" which
is.
Plackard 3264
8
08:42 - TRUCK Leaving with 1st
Load 2640 gal.
0932 - Kemron Set up on NEXT VAT 35
Waiting on TRUCK
09:40 Kemron Dumping
Acids into Vat 16
From Lab.

Page Complete
4/6/17 Todd Tar

Scale: 1 square = _____

103X902701061

4/6/17

09:50 2nd Vickery Truck
on site
10:07 Began pumping VAT 35
10:36 - Pumping Complete
wash / Clean lines
12" - 18" of sludge
in tank
TRUCK Plackard 3264, 8
2,000 gall
10:40 Truck leaving site
11:00 START collecting sample
To ship to Free Hold. NJ
12:00 Lunch
12:30 Return to work
Kemron Compositing VATS
8-13.
14:00 START Delivery samples
for shipment.
16:00 - Kemron tightning up
Drums.
Housekeeping
Setting up Trucks
for Monday.

Page Complete
4/6/17 Todd Tar

Scale: 1 square = _____

Rite in the Rain

4/6/17

16:15 START + Kemron Leave Site.

~~20:00 START Arrives at the Nashville office~~ TAT

Page Complete
4/6/17
Todd

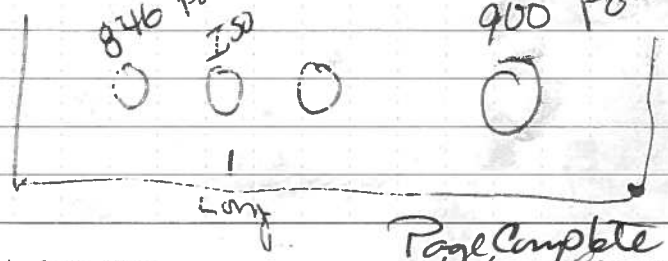
Scale: 1 square = _____

4/7/17

0600 START on Site
0630 - Kemron Arrives.
0640 - Tailgate Safety meeting
06:45 - Kemron Setting up to pump
07:27 FREEHold on site to pump.
Vats 2,3 both trucks on site scheduled 7:00 12:00
07:36 - Began Pumping and Vat #3 3900 est
08:30 pumping vat 3 Complete
08:57 Pumping From VAT #2 2900
08:15 - Collecting waste sample Vat #31

Poly oil 846 clear
900 white
TALKY with Tony

ISO



Page Complete
4/7/17 Todd

Scale: 1 square = _____

4/7/17

11:00 846 POLYOL - 116 pounds

900 polyol - 78 pounds

4 - site glass hard

5 - site glass 2/3 FULL

1300 Tommy Shaney START AND EPA the polyol area

1400 - START ARRIVED AT Bed X For Hair Sample for Shipment

1600 START Leaving for Nashville

19:00 START ARRIVES in NASHVILLE

Todd

Page Complete
4/7/17
Todd

Scale: 1 square = _____

4/19/17

0600 - START ARRIVES onsite.

0610 - ARRIVES at site. TH/Garth Kenan Setting up to transfer vat 8 and 13.

07:30 waiting on truck's

07:38 1st truck arrives at site

08:07 Began pumping VAT 13 Placing Neutrals to vat 17

Note - Sample sent to Cornerstone did not analyze well. (the sample did not digest.) Unknown At this time what is going to happen with Vat 22.

0900 - observing pumping process

0912 vat 13 (2750) gal

0920 - Truck Left site

09:38 2nd truck Arrives onsite Kenan Moving pumps to vat 8.

09:49 - Begin pumping vat 8

10:49 Pumping out of vat 8 Complete.

page Complete
4/19/17 Todd

Scale: 1 square = _____

103X902701061

4/10/17

11:00 Truck leaves site
Kemron flushing pumplines
12:00 - Lunch
12:30 Return to work
Kemron Flushing Hose lines.
Setting up on Vat 4 17 For Tuesday
1300 - Kemron pumping oil From tote 62 and 61 to a Clean DOT Tote.
14:00 Kemron checking vat sumps
14:30 Kemron Pouring up kitty litter.
15:30 Kemron moving TDI Drums
pumping Drum 2/4 To Glue tote
Pumping 5gal 46,47 to Glue
1 dry other ½ Full of solids
placed infront of 5gal dried paint.
16:45 - Left Site

Todd

4/10/17

Page Complete 4/10/17 Todd

Craft
103X902701061

4/11/17

0600 Site Arrival
0630 - Kemron on site - Tailgate safety meeting.
0640 - Setting up to Refill Truck pumping from Vat 1
0700 Truck Arrives
0715 - Begin Pumping from Vat 1
0830 Finished pumping.
0840 Truck out of loading area 1650 gallons from Vat 1
0900 - START (+) Kemron Collect CR samples
Sump (S-1) - PH 6-7
Sump (S-3 PH 10
1 ppm CN
(Ship under vat 1-2, 3, or 4 (4)

11:00 Small sumps Boxes Done

11:30 Sump 2 Complete - 55

Page Complete 4/11/17

103X902701061

~~Sump 1 - 3~~

12:30 Sump 1 to vat 17
Sump 3 to vat 1
13:45 - observing Kemron Pumping
Sump 1 to vat 17
1400 - observing Kemron pump
Sump #2 to Vat 35
1500 observing Kemron pump
Sump 3 to vat 1
15:10 - Kemron Cleaning up drum
staging area. Placing
Stay dry in used oil drums
Consolidating like drums.
Placing Solids drums near
the vat that it is going in
for solidification.
16:00 Left Site

Page Complete
Todd Tal
4/11/17

Scale: 1 square = _____

103X902701061

4/12/17

0600 Arrived site
0630 - Kemron Arrives at site
0700 - Truck Arrives at site
for Load out.
Kemron Tailgate
07:10 Truck set up to
Pumpout of Vat 17
0715 Began Pumping
vat 17.
0733 - Pumping going well.
0800 - Continuing to pump vat
17. 3500 gal
0817 - Pumping complete vat 17.
0825 - Pumping 35 ~~vat~~ to
31 VAT ~~3500~~ TAL
0925 - Begin transfer vat 35 to
Vat 31
10:00 Manifests Ending in 892
↑ to 2300 gal
10:22 - Pumping to vat 31 complete
10:25 - Getting supplies to
Go to Roll off Box to
Soft.

Scale: 1 square = _____

Rite in the Rain

103X902701061

4/12/17

10:44 - Sifting through Rolloff Box.
11:30 Lunch
12:00 Return to work
Rolloff Box Complete
moving 1 pallet to Staging for Processing.
12:30 Segregating items found in rolloff.
13:00 - Segregating Glue tote to SSS
14:00 - START ASSISTED Kemron with Flange measurements on the Polyol and ISO TANKS
15:00 - Kemron mixing like material from the Rolloff Box to drums.

Page Complete
Todd
4/12/17

103X902701061

4/13/17

0600 - Arrive at Site
0630 Kemron on Site. Tailgate
0645 - Kemron setting up for Pumping Vat 31. Prepping to put
07:10 TRUCK arrives. Kemron Setting up TRUCK
07:21 Begin pumping Vat 31
0730 - Setting up to pump Vat 32 in to totes. utilizing a 1" pump.
0750 - Observing pumping operations From Vat 31.
08:13 Pumping Vat 31 complete Setting up on vat #4 (2600) gallons
0945 - Reviewing the Iso piping. Pumping from Vat #4.
1022 Vat 4 Empty.
11:00 TRUCK gone from Site (3361) gal
11:05 break for Lunch
11:35 Begin Pumping Vat 22 to totes.

Page Complete
4/13/17
Todd

Rite in the Rain

103X902701061

1300 observing Kemron Pump vat 22 to to totes

1328 Vat 22 tote transfer complete 3 totes

1400. mixing TDI Polyol in 5gal Buckets. Reaction good - Foamed

0500 - Left site

Todd Dal 4/13/17

Page complete 4/13/17 Todd

Scale: 1 square = _____

103X902701061

4/17/17

0630 site arrival.

0700 - Kemron on site. Tailgate safety meeting

0710 - Kemron Breaking down Hoses and pumps. clean pumps to get off of Rent.

0800 - Patric with Kemron going through drums using the Lables on drums 017 and 018 found that they are TDI. They will be mixed or Foamed with the other TDI.

0930 - moving totes from vat 22 to the staging area.

10:30 - Kemron Cleaning pumps (+) hoses

12:00 Lunch

12:30 Return to work. Kemron working on valves at the TSO Tank. washing hoses and pumps. Decon

Page Complete Todd 4/17/17

Scale: 1 square = _____

Rite in the Rain

4/17/17

Chrome Craft
103X90270061

1330 Continue to work on valves at the ISO Tanks
14:30 Fittings complete, Kemron moving supplies to ISO Area
15:30 Setting up pump 1" At Vat 1 to pump Remaining ISO-TAT Caustic
16:30 Left site.

Tod 4/17/17

Scale: 1 square = _____

4/18/17

Chrome Craft
103X90270106

0630 - Site Arrival.
0700 - Kemron onsite. tailgate safety meeting.
0710 - Kemron droping off light Plant. purchasing wood for mix Boxes. Setting up to pump Vat 1.
0800 - Pumping vat 1 with 1" hose and pump, material going into totes.
0900 - Lab Packing -
1000 - Kemron getting supplies from walmart.
1045 - Lab packing.
12:00 - Lunch
12:30 Return to work - wiping down drums / waiting on supplies to build boxes and drums.
13:30 Continue wiping down drums (Kemron)
14:00 - Kemron segregating smalls Emptying Totes & Glue.
1500 - Moving Empties to Back Rolloff

Scale: 1 square = _____

Rite in the Rain

4/18/17

16:00 housekeeping.

16:30 Left site.

Page Complete 4/18/17

4/19/17

06:30 Site arrival

07:00 - Kenran on Site. Tailgate Safety meeting.

07:10 - Setting up at mixing area! Pumping water from the container.

0800 - Kenran making boxes for mixing Polyol and ISO.

1000 continue to pump water.

12:00 water pumping complete Kenran placing plastic at the mixer area

13:30 begin mixing ISO and Polyol.

18:40 Continue mixing ISO + Polyol

16:30 Leave site

Page Complete 4/19/17

4/19/17

Rite in the Rain.

103X90270106

4/20/17

0600 Site Arrival
0630 Kemron onsite Tailgate Safety Meeting.
0700 - Kemron Began Removing Foam from the mixarea.
0730 Removal of foam complete. Placing plastic down in mixarea.
08:15 - mixing TDI + polyol
12:00 - Lunch
12:30 Continue mixing polyol and TDI
13:00 mixing complete. Reacting TDI + Polyol
14:00 Continue reaction.
16:30 Left Site

Todd Taylor 4/20/17

Page complete
Todd Taylor
4/20/17

103X90270106

4/21/17

0600 - Site arrival
0630 - Kemron on site tailgate Safety meeting.
0700 - TDI + polyol continue to react from 4/20/17.
0900 - observing the reaction folding foam on it self to make polyol and TDI.
12:00 Lunch. Rain setting in
15:00 Left Site.

Todd Taylor 4/21/17

Page complete
4/21/17
Todd Taylor

Rite in the Rain.

103X902701061

4/24/17

0600 - site arrival
0630 - Kamran arrived Safety meeting
0700 - Setting up to mix TDI (+) Polyol.
0730 - Began mixing Polyol and TDI
0800 - Continue to mix TDI (+) Polyol
0815 - Spoke with MR. Hughley about Site. Friday night we had a Fire at the laydown area (stockpile.) Fire department put it out No issues
0900 - Continue to mix
12:00 Lunch.
12:30 Return to work
15:00 Continue to observe the mixing process.

Tim Climer, PCED
Executive Dir.
135 N Front Street
Senatobia, MS, 38668-2137
662-562-8715 / 662-560-8715
Economic Development Foundation

Scale: 1 square = Tate Co.

Report 4/24/17 Page complete 4/24/17 Tim

7.4.17 T

103X902701061

Spoke with EPA on progress.
15:30 Continue observing mix area.
16:00 Left site

4/24/17

Page Complete Tim 4/24/17

Scale: 1 square =

Rite in the Rain

4/25/17 103X902701061

0630 - Site arrival. Kemron Tailgate safety meeting.
0700 - Turning Foam to allow underlining mix process
0800 observing mix pit
1000 - Collecting WTP Visual Sample
11:00 observing mixaren
12:00 - Lunch
12:30 Return to work
12:45 observing mix AREA
SPurling EPA Has meeting tomorrow without
1300 Solidifying Acids - Placed in vat 3
14:00 - Moving (breaking up foam) to allow for product under foam to React.
14:45 Fire - Sanatobic FDP on site Put Fire Out. - The FDP Left us a water hose (Fire hose in case of Future flair ups.)
15:30 moving (breaking foam to allow other product to React) watering Foam + Product down to reduce Heat

4/25/16 4/25/17 page complete Todd Ayl

Scale: 1 square = _____

4/25/17 103X902701061

05:00 - observing Kemron water and more Foam Looking for Hot Spots.
0545 moving foam Looking for Hot Spots Applying water an Foam
0600 Left Site

Todd 4/25/17

Page Complete 4/25/17 Todd

Scale: 1 square = _____

Rite in the Rain

103X902201061

4/26/17

0645 - site arrival. Keenan Tailgate Safety meeting

0700 - Moving foam to lay down area

0800 - Processing First Batch of TDI (+) Polyol

0930 - Begin moving foam to Staging area near the mixer area

1000 mixing 2nd Batch. of TDI (+) Polyol.

12:30 - Removing Foam to Staging area.

13:40 Removing foam.

13:50 Begin mixing 4th Batch of Polyol (+) TDI.

Note EPA + STATE MDEQ met with the City of Senatobia to discuss discharge of WWTP WATER under the Current Permit

Jeff Rich - 662-541-5407
405 Strayhorn St. Senatobia MS, 38668 jrich@cityofsenatobia.com

Scale: 1 square = _____

103X902701061

4/26/17

Jeff Rich is the Senatobia Publics works director

Michael S. Stewart
MTS - Mitchell Technical Service
100 N Heard
Senatobia, MS 38668
9016348712
michaelscottstewart@icloud.com

1600 - Left site

Page complete
TWD
4/26/17

Scale: 1 square = _____

Rite in the Rain.

103X902701061

4/27/17

0630 - Site arrival, Kenron Tailgate safety meeting

0700 - moving from (+) Pumping water from mixer area
other crew labeling drums for transport on may 9

0830 Begin Pumping TDI (+) Poly ol into mix area

11:30 - Pumping TDI - Poly oil

12:00 Lunch

12:30 Return to work

14:00 - Finished Pumping TDI (+) Polyol for the day.

15:50 Left site

4/8/17

Page complete
4/8/17

Scale: 1 square = _____

5/9/17

0600 - Site arrival Tailgate safety meeting.
Scope - Load drums and totes for disposal.

0800 - observing Load out of drums and totes.

12:00 - Lunch

12:30 Return to work.
observing Kenron Load drums and truck.

15:00 drums loaded and clean up site

16:00 START off site.

5/9/17

Page complete
5/9/17

Scale: 1 square = _____

Rite in the Rain

Chrome craft

5/10/17

0600 - Site Arrival, Tailgate Safety meeting Scope Removal of Remaing drums + totes.

0800 - Observing Kemper Load the truck with Drums(+) totes.

12:00 - Lunch

12:30 Return to work

15:00 - Drum loading complete

15:30 - START Leaves Site.

[illegible] 5/10/17

Page Complete [illegible] 5/10/17

Scale: 1 square = _____

Chrome Craft

5/18/17

04:30 - START Leaves for site

0830 START Arrives on Site. Scope Sample Track Tank for Kemper.

10:30 - Sampling Complete Samples dropped off At Lab.

11:00 - START Leaves site.

16:00 START ARRives AT Office

[illegible] 5/18/17

Page Complete 5/18/17 [illegible]

Scale: 1 square = _____

Rite in the Rain

Chromecraft

6/8/17

06:00 - START Records in Log Book for EPA OSC STEVE SPURLIN. A site walk with Kenron (Kyle Robie and OSC STEVE SPURLIN)

Peg Campbell
6/8/17

6/19/17 - 6/23/17

Recorded for EPA OSC STEVE SPURLIN. Weeks Activities. Kenron Pumped water out of the WWTP Pit Tanks to a Frack Tank.

6/26/17 - 6/30/17

Recorded for EPA OSC STEVE SPURLIN weeks Activities. Kenron Pumped water out of The WWTP Tanks to Frack Tank.

Peg Campbell
6/30/17

7/11/17

04:30 - START Leaves For Site
0900 - START ARRIVES on site
- Activity Briefing -
- START Along with Kemron assistance is to collect solid samples from Vats.
Samples - are a Composite of Vats to make up a total of # Samples Collected.
05:30 - Dropping off samples at Cornerstone Labs.
09:30 ARRIVE at office.

Page Complete
7/11/17
Tuesday

7/17/17 - 7/21/17
START NOT on site
Activities - Removal of Vats from Containment
4 Vats Removed for the week.

Page Complete
Tuesday
7/21/17

Rite in the Rain

7/26/17

0700 Site arrival. Removing vat 37, 38 - attempting to remove vat 1
0900 - Continue with Vat Removal
11:00 Having issues with VAT 1
12:00 Lunch.
12:30 Return to work
14:00 Continue Removal of vats.
16:00 ~~Remove~~ Left site.

Page Complete
7/26/17

7/27/17

0700 - Site arrival, Tetra tech GSC and Kemron Held tailgate Safety meeting.
07:20 - Activities for the day
- set up to Remove vats 35, 34, 33, 32.
0900 - Removal going well.
12:00 Lunch - Completed Removal of Vats 35, and 34.
12:30 Return to work.
We are having issues with the overhead lift.
14:00 - Remove vat 33
1530 - Removing vat 32
17:00 - Left site.

Page Complete
7/27/17

Rite in the Rain

7/28/17

0700 Tailgate Safety meeting
0800 working on Lifting Crain.
0900. Kyle w/Kemron Getting materials. For Rollin System
10:00 setting up Block(+) Tackle
11:00 Block(+) Tackle did not work - need to pull Hoist and use other crain. Hoist
12:00 Left site.
4:00 Arrived at office.

Page Complete
7/28/17
Tadd

7/28/17

7/31/17

04:30 Left yard site.
0900 - arrived on site.
0910 - Kemron Removing Hoist Crain #1.
Action Env. Services on site to Remove Liquids and sludges from Holding tank A.
Entry Safety meeting held with Action
1000 - Action setting up.
Hoist Crain #1 Down on Concrete. Gear Fluid spilled out of Gear rack. Kemron cleaning up Gear Fluid.
11:00 Action pumping Holding TANK A - WWTP
11:15 - Robie D. Wood on site Collecting the Rolloff Box to Get it to the Land fill. Manifest #003452462 GBF.
12:00 Lunch
12:30 Return to work
Action Pumping / Kemron setting chains

Page Complete
7/31/17 Tadd

Chrome craft

14:30 - Kemron Removed vat 31. Action Continue to vaccume the A Tank. House keeping.

16:00 - Kemron Removed Vat 30. Action feels they can remove all the sludge today.

16:30 left for the day.

Tue Tal 7/31/17

Page Complete
Tad M
7/31/17

Scale: 1 square = _____

8/1/17

Chrome Craft

0700 - Site arrival. Tailgate Safety meeting START, Kemron, ACTION ES, Today Scope. Load sludge (mix with Binding material For transport to Landfill. Move vats, Finish Tank A Cleanout.

0800 - observing Kemron load out sludge from TANK A At the Back of the Building at the mixing area, 2nd truck load

0830 - observing Action pressure washing TANK A.

0930 - observing Kemron Move material from the mixing area to the Stock pile.

10:00 Action continue Cleaning tank A.

12:00 Action continuing to clean TANK A. Kemron Removed Vat 29 + Vat 28.

14:00 Action continue to Clean Tank A.

Tad M

Page Complete
8/1/17

Scale: 1 square = _____

Chromecraft

8/1/17

0800 - START Left site.

Page Complete
Tuesday
8/1/17

Tuesday 8/1/17

Chromecraft

8/2/17

0700 site arrival. Tail gate safety meeting.
Scope for the day.
- Load out 2 RD wood Trucks.
- Action dump sludge @ mixer.
- mix material @ mix pad.
- Cutting pipe @ CN TANKS.

0730. observing Kemron Load out RD wood truck #1.

0800. observing Kemron cut pipe at CN TANK.

0900 - observing Kemron mixing sorbent at mixing tank.

ph 13. Floor,
e-mail patric Johnmount
Jmount@kemron.com.

V13	V9	V11
4 ph	5 pH	5 ph

operator

V - 13 - 1 pH

Page Complete
Tuesday
8/2/16

8/2/16

10:00 Start collected a sample from the Frack Tank for OSC spurlin to look at the amount sludge in the frac and look at the water.

11: observing Kemron Remove Vat 25, 24

11:45 - Action Cleaning out Vacuum truck at mixing pad.

11:50 - Kemron Hooking up to vat #23 to pull out.

12:00 Lunch

12:30 Return to work

Kemron moving vat 23 - cleaning sides off of ~~the~~ vat 23.

Action Housekeeping

Kemron mixing sludge @ mix pad area.

13:30 - Action off site.

Kemron removed vat ~~2~~ 23

Moving Rigging to vat 1

15:30 - START leaving site.

Page Complete Todd 8/2/17

Todd 8/2/17

8/7/17

04:30 Left for site

09:00 START ARRIVE on site.

- SPOKE with Kemron Kyle Robic
- Moving vat 3
- STAging vats when removed.

11:00 observing Kemron move vat #3.

12:00 Lunch

12:30 Return to work

14:00 Kemron continue to move VAT #3 from containment

14:30 Vat #3 out of containment

15:00 working on the removal of vat #4

16:00 Vat #4 out of containment area

16:30 Left site.

Todd 8/7/17

Page Complete Todd 8/7/17

Chromecraft

8/8/17

0700 - Site arrival, Kenron, Start tailgate Safety meeting
- Removing vats from containment working on Vat #5.
0800 - Vat #5 out.
0830 - Kenron Hooking up to VAT #6
0900 - Vat #6 out of Containment
0910 - Hooking up to Vat #7
10:00 #7 is out
10:30 - Hooking up to #8
11:00 - ~~8~~ THE VAT #8 is out.
The value pipe is leaky
Kenron Plugged the Pipe
11:30 - Setting upon #9 vat.
11:50 vat 9 Removed.
12:00 Lunch
12:30 Return to work
1300 - Vat 10 Removed
1400 Vat 11: Removed
14:30 - Vat 12 Removed
15:19 Pumping Liquid out of VAT 8 to a tote
15:30 - Releasing water from Frac.
16:00 - Left site.

Page complete
8/8/17

Scale: 1 square =

MADE IN TACOMA
— SINCE 1916 —
Rite in the Rain
— DEFYING MOTHER NATURE —

Yes, Rite in the Rain is a wood-based & recyclable paper, but unlike plain paper... it won't turn to mush when exposed to:

USE WET OR DRY
most pens stop writing when wet
- ALL PENCILS
- RITE IN THE RAIN PENS
- WAX MARKERS
- CRAYONS
- OIL PASTELS / PAINT

WHEN DRY ONLY
what you write won't wash off
- PERMANENT MARKERS
- STANDARD BALLPOINTS

WON'T WORK
water-based inks bead off sheet
- GEL PENS
- MOST HIGHLIGHTERS
- FOUNTAIN PENS
- WATER COLORS
- ACRYLIC PAINT

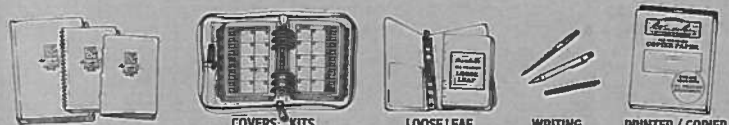
ALL-WEATHER TOUGH!

BRAND HISTORY
J.L. DARLING est. 1916

The Rite In the Rain story began a century ago In the forests o the Great Pacific Northwest. Entrepreneur Jerry Darl ng recognized the logging industry's need for a durable material that could be written on and survive in poor weather conditions. Jerry developed a special coating that created a unique moisture shield on the hand-dipped sheets f paper that he and his wife, Mary, processed at their home. From these humble beginnings our first all-weather paper was born. Over the many years we've perfected and patented our environmentally responsible coating process. Still located In Tacoma, our continued mission is to provide innovative products for professionals and enthusiasts who brave the outdoors.

EQUIPPING MULTIPLE INDUSTRIES WORLD-WIDE

other product styles available



RiteintheRain.com
©JL DARLING LLC
2614 PACIFIC HWY EAST,
TACOMA, WA 98424 USA
MADE IN USA
RITE GREEN
Archival

3 of 3

Rite in the Rain

ALL-WEATHER

UNIVERSAL

Nº 371FX

Chrome Craft
103X902701061
TDD-01-061

MADE IN TACOMA
— SINCE 1916 —
Rite in the Rain®
— DEFYING MOTHER NATURE —

Name Todd Taylor

Address 1955 Evergreen Blvd. Bldg 200, Suite 300 Duluth, GA. 30096

Phone 615-992-5556

Project ChromeCraft 103X902701061
TDD-01-061

RiteintheRain.com

CONTENTS

PAGE	REFERENCE	DATE
2-4	Aug. 9-11/2017 Activities	8/21/1
5-11	Aug 16-18/2017 Activities	8/21
12-16	Aug 21-23/2017 Activities	8/21/1
16-43	Daily Activities, mixing TDF, Chemy and Remedy MATS	

Chromecraft

8-9-17

0700 Site arrival, Tailgate safety meeting, START, KenRon
Scope of the Day: Remove Vat-13, Remove Catwalk Between Vats 13 (+) 16)
Pump water from frac tank for dust control on site.
07:30- KenRon Setting up to remove vat 13.
0800 - Vat 13 Removed
0830 observed KenRon ~~Pump~~ discharging Water From the frack Tank.
0900 - Kenron Breaking down catwalk
10:00 The Catwalk is Removed
10:00 - Pumping down the frack Tank is complete.
11:00 Setting upon Vat 16
12:30 Lunch
13:00 Return to work
1500 Vat 16 Removed
START Left Site. Page Complete Todd 8/9/17

Todd

Scale: 1 square =

Chromecraft

8/10/17

START NOT on Site. Spoke with OSC + KenRon All Vats Removed From Containment.

Todd 8/10/17

Page Complete Todd 8/10/17

Scale: 1 square =

Rite in the Rain

Chromecraft

8/17/17

0700- START, Kemron Safety meeting.

Scope: Kemron Vaccuing Containt Mixing material at mixing Area.

0800- observing Kemron remove material from the containment. Also on the CN side Kemron is Removing large debris.

08:30 At the Mixing Area Kemron is mixing the material Removed Vid-Vacuum truck with Portland Cement. two rolloff ~~trucks~~ Boxes are due on site today to Place material from the mixing Area into.

0942- Recieved 2 Rolloff Boxes from everyman

10:15. Loading Mixarea material to boxes.

Page Complete

Todd D 8/17/17

Scale: 1 square =

8/17/17

8-17-17

Chromecraft

10:45- Loading Box 1 complete from Mix area.

11:00 Kem Ron Continuing to remove material from the Containment with the Vacuum unit.

1200 - Lunch

12:30 Return to work. Kemron Vaccuuming up material in the Containment area.

13:00 observing Kemron at the Containment area vacuuming material

15:00 observing Kemron Vacuuming Containment material.

1600 Continue observing Kemron vacuum material in the Vat Containing.

17:00 START Leaves site.

Page Complete

Todd

8/17/17

Scale: 1 square =

8/17/17

Chromecraft

8/18/17

0700 - Onsite, Safety Meeting
START Kenran.
Scope - Vacuum Containment
Area, Place collected
material at mixing
area.
0800 - observing the Removal
of material at the
Containmentarea.
0900 - observing Kenran
Vacuum the Contant
10:00 Collected PH (4) visual
Samples from sumps
1, 2, 3.
Sump - 1 yellow - light
PH - 5
Sump 2. Brown PH - 7
Sump 3 - light yellow
PH - 9
12:00 Lunch
12:30 Return to work
1300 - observing Kenran move to
Catwalk area.

Page Complete
TJD 8/18/17

8/18/17

1400 - observing Kenran
removing material under
the Catwalk on Vat 1-19
side of the Containment.
1500 - START Left Site
15:10 - ARRIVED at office

TJD 8/18/17

Page Complete
TJD
8/18/17

Rite in the Rain

8-21-17

0400 - Left for site
0810 - Arrived at site.
0900 - observed Kenron Removing solid material along the sump side of containment.
11:00 observing Kenron Removing material along the sump side of the containment.
12:00 Lunch
12:30 - Return to work
13:00 - Observing Kenron vacuum the pits on pipe runs.
1500 - Left site.

Page Complete
Todd Tyl
8-21-17

Todd Tyl 8-21-17

Scale: 1 square = _____

8-22-17

0700 - Kenron + START
TAilgate Safety Meeting.
Slope - Take Vacuum Truck Back to Rental
(+) Swap vehicles due to engine malfunction
- Crew Hand Clean duct work in Containment (above vats)
0800 - observe Kenron Hand Cleaning duct work and trenches
10:00 7 Pallets of compressed wood Pellets delivered to the site.
Air card Password
7195ea80
NOTE - Disc got Nit Sign Manifests
11:00 observing Kenron Cleaning Removing Duct work Dust. Seperating the filters from the Filter pots.

Page Complete
Todd Tyl
8/22/17

Scale: 1 square = _____

Chrome Craft.

8/22/17

12:00 - Lunch

12:30 Return to work.
Kemron Replaced vacuum truck.
Kemron Cleaning Floor in front of Vats 1-19.

13:30 Kemron Cleaning Floor in Front of vat 1-19.

14:00 meeting Kemron, EPA, START
- Discussed Future Plans.
- Boxes -, mixing, Cleaning 2nd ½ of contaminated vats. (NH).
- START(+) OSC PH the two totes - Full tote is @ pH-4 the Less full tote is pH-1

14:45 observing Kemron vacuum containment.

15:15 Kemron Removing Footer Blocks From VAT 22-40 AREA - (Dryer area).
EPA OSC SPOKE with EARNY Shirley MDEQ

Page Complete
Todd 8/23/17

Chrome Craft

8/22/17

and Informed Him of the Site Progress. EPA OSC SPURLIN informed Mr. Shirley that we had 4 to 5 weeks left on site.

15:30 Vaccum TRUCK Messing up. Kyle working through the Issues.

16:00 - START Leaves Site.

Todd 8/22/17

Page Complete
8/23/17
Todd

Rite in the Rain

8/23/17 Chromecrafts

0700 Site arrival Tailgate Safety meeting.

07:15 ~~15~~ AT START (TAYlor) Checks the pH of the rain water at the mixing ~~area~~ THE area. PH was 6.5.

0730 - Scope - Continue Cleaning the Vat Containment Area.

0900 - Kemron Cleaning Containment under the Catwalk Vat 1-20 - side.

10:00 Kemron Cleaning (vacuuming the Vat Containment Vat 1-19 area. Pumping water out of the mixing area from Rain.

11:00 Observing Kemron Vacuum area of Containment for Vats - 1-19.

12:00 pumping Down ~~vats~~ THE Mixed (Rain water)

Page Complete Todd 8/23/17

8/23/17 Chromecrafts

12:15 - Lunch

12:45 - Return to Work

13:00 - Kemron working on the Containment where Vats 21-40 were located. Pumping water from the mixing area.

1500 - START leaves site.

Todd 8/23/17

Page Complete 8/23/17 Todd

8/28/17 Chromecraft

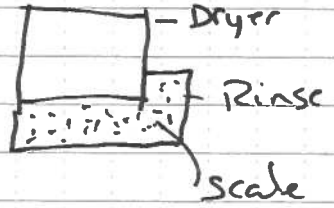
04:30 START LEAVES for site
08:45 START ARRIVES on site.
0900. Site walk through
Kemron Cleaning Vat #10
with Vacuum Truck.
10:00 observing KemRon Kleaning
vat #10, 4 Vats have
been cleaned today.
10:30 Shipping out 2 Boxes
Getting two Empty's
back
11:30 - observing KemRon
move NH ~~Boxes~~ TAT to TAT
~~clean~~ TAT Vats to Cleaning
area. Observing KemRon
Clean Vat Box NH.
12:00 Lunch.
12:30 Return to work
observing KemRon move vats
into position for cleaning.
observing KemRon Cleaned
Vats
13:00 - observing KemRon
Clean vats.

Page Complete
8/28/17

8/28/17 Chromecraft

13:10 - E-mailed OSC Spurlin identified
Rinse Bins in the Drying room.
Bins were sampled in
November of 2016. They were
identified as Non Haz.

Cross Section



1500 - KemRon continues to
Clean Vats.
16:00 Vats cleaned today.
16:30 - START LEAVES site.

Page Complete
8/28/17

8-29-17 Chromecraft

0700 - Tailgate Safety meeting - Kemran START.

Scope - Cleaning vats. mixing material to Lightenit up with Portland Cement.

0900. observing Kemran Clean vats.

11:00 observing Kemran Clean vats

12:00 Lunch

12:30 Return to work.

1300. observing Kemran vacuuming material from a vat.

15:00 working on the Last Vat - NH.

17:00 Kemran Continuing to clean the Last Vat Box. NH.

18:00. Last Box Clean. Transporting Vacuum truck to mix area.

19:00 mixing NH material with concrete an

Page Complete Todd 8/29/17

Scale: 1 square = _____

8-29-17 Chromecraft.

Loading in to roll-off Boxes

21:00 START Leaves Site.

Todd 8/29/17

Page Complete Todd 8/29/17

Scale: 1 square = _____

Rite in the Rain.

8/30/17

0700 - site arrived. Tail gate safety meeting. Scope of work - Kenron Clean up the Decon area from NH material Vat Removal (Area where Vats were cleaned out.

0800 - Cleaning floor Decon area. Removing used pipe from vacuum Truck.

10:00 Cleaning Guzzler - and pipe.

10:30 - Guzzler cleaned. Housekeeping.

12:00 START Leaves site

Page Complete 8/30/17

04:30 - Leave for site.

08:30 - START ARRIVES on site.

Scope: - Pump PH 7 water out of WWTP.

- Vacuum the ~~c~~ TAT Vat Contain (Hazardous side), CC chrome + CN.)

10:00 - observing Kenron Pump water from the WWTP. Set up to vacuum the Haz side of the containment

11:00 - OBSERVING Kenron Pump water from the Vat (LAST one with in the Containment of the WWTP.

11:30 - observing Kenron vacuum material with in the containment AREA of the vats.

12:00 Lunch

12:30 Return to work. observing Kenron vacuum the material

Chromecraft.

9/5/17

Located in the Vat Containment.

14:00 - observing Kemron Vacuum up Vat Containment.

15:00 observing Kemron Pump water from the Last vat Located in the WTP to the Containment area of the WWTP.

15:30 observing Kemron Vacuum Material @ the vat Containment area.

16:00. Completed Pumping the Water out of the Last vat @ the WWTP.

16:30 observing Kemron Vacuum material off of the Vat Containment floor.

17:00 START leaves site.

Todd 9/5/17

Page Complete
Todd
9/5/17

Scale: 1 square = _____

Chromecraft.

9/6/17

0700 - Site Arrival. Tailgate Safety meeting.

Scope of work -
- Purchase additional flex Hose
- Pump out the CN Sump, filter,
- Vacuum Vat Containment area.

0800 - observing Kemron Vacuum out CN Sump.

0900 - Continue to remove solids out of the CN Sump.

10:00 - Completed Cleaning the CN Sump.
- moving to the Vat Containment floor (Removing material)

11:00 - Continue cleaning the Floor on the Vat Containment area.

12:00 Lunch

12:30 Return to work.
Kemron Cleaning the floor with vacuum unit.

Page Complete
Todd
9/6/17

Todd 9/6/17

Scale: 1 square = _____

Rite in the Rain

9/6/17 Chiranacraft

13:00 - observing Kemron clean the
grat containing with the
Vacuum truck.
1500 - vat containment complete.
16:00 - Left Site.
20:00 Arrived at office

Page Complete
9/6/17

9/11/17 Chiranacraft.

10:00 - Left for site.
14:00 arrived at the site
Kemron utilizing
the shears to reduce the
size of the Flisted Boxes
vats) to place into Micro
Boxes for disposal.
17:00 Left Site

Page Complete
9/11/17

9/12/17 Chromecraft

0700 Tailgate safety Meeting
Scope - Continue Shearing
F Listed Vats.
07:30 observed Kemron utilizing
Shears to down size vats
10:00 - observing Kemron
down sized vats.
11:00 Kemron Cleaning out F Listed
Vats. observe cleaning the
VATS.
12:00 Lunch
12:30 Return to work
observing Kemron
Cut up F Listed Vats with
Shears.
16:30 - observed Kemron cutting
vats for micro encapsulation.
17:30 Left site.

Page Complete
Todd
9/12/17

9/13/17 chromecraft

0700 - Safety Meeting.
- Scope - Cut Vats Clean Vats
for micro encapsulation.
0800 observing Kemron Clean
vats.
10:00 observing Kemron cut Vats
11:00 observing Kemron clean ~~tan~~ TAN
vats
12:00 Lunch
12:30 Return to work
13:00 observing Kemron cut
Vats at Loading dock.
14:00 observing Kemron Clean
filter pots.
15:00 observing Kemron cut Filter
Pots.
16:00 observing Kemron Load
Macro Boxes.
17:00 Left site.

Page Complete
Todd
9/13/17

Rite in the Rain

9/14/17 Chromecraft

0700 - Tailgate safety meeting
- Scope: Finish clean + cutting Pots. Solidify Haz material
0900 - observe Kenran Cleaning Filters
10:00 observe Kenran Cutting filter Pots.
11:00 observing Kenran Load Boxes.
12:00 - Lunch
12:30 Return to Work.
15:00 observing Kenran Cut Filter Pots.
16:00 Leave site
10:00 Arrive at office Nashville.

Page Complete
9/14/17

Scale: 1 square = _____

9/19/17 Chromecraft

0700 Site arrival tailgate Safety meeting.
Scope: Clean Frac Tank
Solidify Material from the Frac tank.
0800 - observing Kenran Prep for entry to the Frac Tank
0900 - observing Kenran solidify water at mixing area (water from Frac Tank.)
1200 - Lunch
12:30 Return to work
13:00 observing Kenran at mixing pad.
1500 - observing Kenran Clean Frac Tank
17:00 Left Site.

Page Complete
9/19/17

Scale: 1 square = _____

Rite in the Rain

9/19/17 Chromecraft

0700 - Site arrival Safety meeting
Scope - Clean Vacuum Truck
mix material at mixing
area.
Punch list items
- Get hose in Boxes.
- Load out mixed material
(Wed)
- Clean mixing area
- Fill in depression
- Remove Frac Tank +
Boxes.
- Remove Foam?
0800 - observing Kemiron Mixing
at the mixing area.
- Decon the Vacuum
truck.
09:30 - J. Justice @ MDEQ.MS.
.Gov and Westley
McCain MDEQ on
Site. Site walk
601 961 5064
662.234-3733

Scale: 1 square = _____

9/19/17 Chromecraft

12:00 - Lunch
12:30 Return to work
Kemiron mixing material
at the mixing area
and Decontamination of the
Guzzler.
17:30 - Left Site

Todd Campbell 9/19/17

Todd Campbell
9/19/17

Scale: 1 square = _____

Rite in the Rain

9/20/17 Chromecraft

0700 - Tailgate safety meeting
Scopl Kenroa Loading out material
for transport to Landfill.
Housekeeping. Dreon the Guzzler
0800 - observing Ken Roa
Dreon the Guzzler
10:00 - observing Ken Roa Load
material out of the
90 day storage Building
10:30 Tetra tech signed the
Land Ban and Manifest
for EPA OSC STEVE SPURLIN
who is in FL dealing
with the Hurricane IRMA
Response. START TAYLOR
CONTACTED EMI - ANDY
Johnson to verify the
signing of Land ban's and
Manifest for the project.
10:35 - E-MAILED PATRIC McDermit
of Kemron to have him
send the analytical
Results for samples
Collected during the

Page Complete Todd D
9/20/17

Scale: 1 square = _____

9/20/17 Chromecraft

project. 2 special samples - 4/5/17
and 4/28/17
- WWTP Samples Sludge
~~4~~ IAT 5-1-17
- Waste water 5-18-17
Vats - 7-11-17.
12:00 Lunch
12:30 Return to work
13:00 Ken Roa mixing sludge
with cement. Vacuum Truck
~~17:00~~ off site.
13:30 - Kenroa Load out
3 Boxes and sent out for
Disposal (sludge solidification)
17:00 Left site

Todd D 9/20/17

Page Complete
Todd D
9/20/17

Scale: 1 square = _____

Rite in the Rain

Chrane crafts

9/21/17

0700 - tail gate safety meeting
Loading out - Foam for disposal
- House keeping.
0900 - observing Kenran load Foam.
10:00 observing Kenran Pick up Hoses
and other used articles.
11:00 observing Kenran Load
Boxes with Foam
12:00 Lunch
12:30 Return to work.
15:00 Discussion with the QSC
Start Site work Complete.
15:30 START ~~work~~ Leaves Site.

9/21/17

Page Complete
9/21/17

Page Complete

10/30/17

Page Complete
10/30/17

Rite in the Ra