

Diaz Intermediates Corp., Removal Daily Progress Report 14 September 2011

1. Site Information:

Site Name	Diaz Intermediates Corp. Removal
SSID No. / CERCLIS No.	A6C4 / ARR000005843
Site Location	301 Wyanoke Drive, West Memphis, Crittenden County, Arkansas Latitude 35.107083°North / Longitude 90.193000°West
EPA On-Scene Coordinator	Adam Adams (cell # 214.202.6952)
ADEQ Field Team Leader	Michael Gates (cell # 501.813.6457)
Work Activity	Removal

A. START-3

EPA Contract No.	EP-W-06-077
TDD No.	TO-0001-11-06-03
Dynamac Project Manager	Steve Cowan
Dynamac Field Project Manager	Noel Biscocho

B. ERRS

EPA Contract No.	EP-S6-07-01
Task Order	0108
EQM Program Manager	John Foster
Bandera Response Manager	Don Edgington

2. On-Site Personnel:

- A. Federal Oversight Provided By: Adam Adams
State Field Representative: Michael Gates
- B. START-3 Field Project Manager: Noel Biscocho
Total Number of START-3 Personnel On-Site: 1 (Dynamac)
- C. ERRS Response Manager: Don Edgington (Bandera)
ERRS Foreman: James Drake Jr.
ERRS Site H&S Officer: Don Edgington
ERRS T&D Coordinator: Mark Douglas (*off-site*)
ERRS Field Clerk: Tyrone Price
Total Number of ERRS Personnel On-Site: 1 – EQM,
1 - Bandera Resources (subcontractor), 4 - USA Environment, L.P. (subcontractor)

3. Weather Conditions:

- A. Today's Weather:
Low: 75°F; High: 88°F; Winds from the NE at 0 to 7.6 miles per hour (mph), with wind gusts up to 13 mph; 0.01 inch of rain; Partly Cloudy.
- B. Forecasted Weather for Thursday, September 15, 2011:
Low: 58°F; High: 74°F; Winds from the NNE from 15-25 mph; Partly cloudy

4. Site Activities

A. START-3 Activities

1. Progress Made: Air monitoring was conducted using a MultiRAE Plus, with an 11.7 electron volt (eV) probe, for monitoring percent oxygen, explosive atmospheres, and toxic and or organic vapors around the Site, around the warehouse, and Exclusion Zone prior to and during the operations. No oxygen deficient, enriched or otherwise harmful, explosive atmospheric gases or vapors were detected in the ambient air.

Maintained a site logbook, collected photo documentation of the site activities, and prepared the Daily Progress Report.

2. Problems Encountered: None at this time.

3. Anticipated Problems/Recommended Solutions: None at this time.

4. Health and Safety Problems/Recommended Solutions: None at this time.

B. ERRS Activities

1. Progress Made: Operations consisted of disposal, collecting and shipping samples, filtering out solids from disposal liquids, consolidating, and transferring drum contents.

- Seventy-two (72) 55-gallon poly drums containing x-bromotoluene were shipped off-Site, for disposal. (*See Attachment B*).
- Composite samples were collected from each of the 275-gallon totes of sludge, packaged, and shipped to Test America in Nashville, TN for disposal profiling.
- Two (2) 55-gallon poly drums containing bromobenzene were filtered using a 50-micron bag filter to save disposal surcharges in preparation for disposal shipment.
- Fourteen (14) partially full 55-gallon poly drums containing DBFB/dibromotoluene mix were consolidated into two (2) 275-gallon totes.
- One (1) 55-gallon poly drum containing unknown mixed organics was transferred into the organics AST, Tank 3.
- One (1) 55-gallon poly drums containing methanol bromine was transferred into the caustic AST, Tank 2.

Maintenance, segregation, and bulking are conducted as needed.

2. Problems Encountered: None at this time

3. Anticipated Problems/Recommended Solutions: None at this time.

4. Health and Safety Problems/Recommended Solutions: None at this time

5. Planning

- A. START-3: Air monitoring, Site documentation, inventory, and monitoring of the removal action will continue. Site documentation includes maintaining the Site logbook, photo and video documentation, and updating the EPA website as progress is made and new information is obtained, www.epaosc.org/DiazRemoval.
- B. ERRS: Drums, totes, and containers will continue to be assessed, segregated, consolidated / bulked, repackaged, over-packed, sampled, and prepared for transport for recycling or disposal. Site maintenance will be conducted as needed. Vendors will be obtained for disposal of the materials. Disposal shipments will continue as profiles are approved and arrangements are made for shipment. The remainder of the contents of AST, Tank 4 will be shipped on 09/15/11 for disposal.

ATTACHMENTS:

A. Photographs (103_3353, 103_3355, 103_3356, 103_3357)



Sample collection of sludge for waste profiling (Photo# 103_3353).



Drum preparation for shipping (Photo# 103_3355).



Filtration of bromobenzene, using a 50-micron filter (Photo# 103_3356).



x-bromotoluene being loaded for transport to a disposal facility (Photo# 103_3357).

B. Disposal / Recycling Inventory.

Material / Content	Ship Date	Container Type	Qty.	Vol. Est. (lbs)	Vol. Est. (gal)	Disposal / Recycling	Facility / Vendor
Hydrochloric acid (all grades)	08/03/11	55-gal Poly	33	15,640	1,815	Recycling	Stateside Steel
White Oil (Hi-Quintex) SAE20	08/03/11	55-gal Steel	2	870	110	Recycling	Stateside Steel
Hydraulic oil (Monolec) SAE 20	08/03/11	55-gal Steel	1	435	55	Recycling	Stateside Steel
Gear Lubricant (Almasol Vari-Purpose)	08/03/11	55-gal Steel	1	435	55	Recycling	Stateside Steel
Mobile Cylinder Oil, Mineral	08/03/11	55-gal Steel	1	435	55	Recycling	Stateside Steel
Diatomite	08/03/11	Bags	20	1,000	-	Recycling	Stateside Steel
Silica, Oil (Non-RCRA, Non-DOT Regulated Material)	08/16/11	55-gal Steel	1	200	24	Disposal	Tradebe
Acidic inorganics (waste corrosive liquid) (Lab-pack)	08/16/11	55-gal Steel	1	39	-	Disposal	Tradebe
Basic inorganics (waste corrosive liquid) (Lab-pack)	08/16/11	55-gal Steel	1	21	-	Disposal	Tradebe
Carbon disulfide (waste)	08/16/11	5-gal poly	1	7	-	Disposal	Tradebe
Nitric acid (waste)	08/16/11	5-gal poly	1	11	-	Disposal	Tradebe
Potassium permanganate (waste)	08/16/11	5-gal poly	1	3	-	Disposal	Tradebe
Flammable liquid toxic (waste) (Lab pack)	08/16/11	30-gal poly	1	180	-	Disposal	Tradebe
Mercury (waste)	08/16/11	5-gal poly	1	4	-	Disposal	Tradebe
Sodium dithionite (waste)	08/16/11	5-gal poly	1	2	-	Disposal	Tradebe
Oxidizing liquid (waste)	08/16/11	5-gal poly	1	15	-	Disposal	Tradebe
Flammable liquid [acetone, methanol] (waste)	08/16/11	55-gal poly	2	650	-	Disposal	Tradebe
Flammable liquid [acetone, methanol] (waste)	08/16/11	55-gal poly	2	500	-	Disposal	Tradebe
Ferric chloride anhydrous (waste)	08/16/11	55-gal poly	2	560	-	Disposal	Tradebe
Aluminum chloride anhydrous (waste)	08/16/11	55-gal poly	13	2600	-	Disposal	Tradebe
Phosphorous amorphous (waste)	08/16/11	55-gal poly	1	120	-	Disposal	Tradebe
Non-RCRA, Non-DOT regulated material (Silica, Oil)	08/16/11	55-gal poly	1	200	-	Disposal	Tradebe
Corrosive liquid, D002 (acidic mixture)	09/08/11	5,000 gal tanker truck	1	41,020	4,000	Disposal	Vickery Environmental
x-bromotoluene	09/14/11	55-gal Poly	72	40,860	-	Disposal	PSC
Totals:			162	105,807	6,114		