

Diaz Intermediates Corp., Removal Daily Progress Report 27 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 (*off-site*)
- 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: Chad Robertson
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), 7 - USA Environment, L.P. (subcontractor)

3. Weather Conditions:

- A. Today's Weather:
Low: 54°F; High: 88.3°F; Winds from the SE at 0 to 9.2 miles per hour (mph), with wind gusts up to 13 mph; Sunny.
- B. Forecasted Weather for Wednesday, September 28, 2011:
Low: 60°F; High: 83°F; Winds from the WNW from 0-5 mph; Sunny.

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 drum shipment, disposal, and sludge consolidation.

- One (1) 30 cubic yard roll-off container of drums previously emptied of their hazardous substances and decontaminated to "RCRA empty" condition was shipped off-Site for disposal.
- One hundred twenty-eight (128) palletized 55-gallon poly drums containing hydrobromic acid were loaded into two cargo box shipping containers on 9/23/11 and were shipped off-Site for recycling. (*See Attachment B*).
- Forty two (42) miscellaneous drums (i.e. waste Anisole, waste paint, waste aldehydes, etc.) were shipped off-Site for disposal. (*See Attachment B*).
- Liquids from the flammable liquid above ground storage tank (AST), Tank #1 were shipped off-Site in bulk for disposal. AST, Tank #1 liquids were profiled as flammable liquids based on field screening in July. Apparently, over time, the liquids in the flammable liquid AST separated out, and the shipment of liquid was determined to be non-hazardous upon arrival at the disposal facility. The shipment was documented, profiled, manifested, and disposed of appropriately by the disposal facility (*See Attachment B*).
- Thirteen (13) 275-gallon totes previously used for temporary storage of sludge were transferred into shippable totes and prepared for shipment to a disposal facility. The 13 totes consist of bromobenzene sludge (1), dibromotoluene sludge (5), and dibromofluorobenzene sludge (7).

- Twenty (20) 55-gallon open-top poly drums were filled with solids obtained from the sludge totes and containment areas.

General maintenance and clean up were conducted throughout the Site.

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: In addition to normal container assessment, segregation, and staging, the primary objectives at this point are drum and tote decontamination and resizing and preparing and loading drums and totes and bulk wastes onto trucks for transport to disposal facilities. Site maintenance and clean-up are conducted as needed.

ATTACHMENTS:

A. Photographs (103_3451, 103_3455).



Shipping label for lab-packed paints (Photo# 103_3451).



AST, Tank #1 liquids loaded into tanker for shipment (Photo# 103_3455).

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	55	Disposal	Tradebe
Acidic inorganics (corrosive liquid) (Lab-pack)	08/16/11	55-gal Steel	1	39	55	Disposal	Tradebe
Basic inorganics (corrosive liquid) (Lab-pack)	08/16/11	55-gal Steel	1	21	55	Disposal	Tradebe
Carbon disulfide	08/16/11	5-gal poly	1	7	55	Disposal	Tradebe
Nitric acid	08/16/11	5-gal poly	1	11	55	Disposal	Tradebe
Potassium permanganate	08/16/11	5-gal poly	1	3	55	Disposal	Tradebe
Flammable liquid toxic (Lab pack)	08/16/11	30-gal poly	1	180	55	Disposal	Tradebe
Mercury	08/16/11	5-gal poly	1	4	55	Disposal	Tradebe
Sodium dithionite	08/16/11	5-gal poly	1	2	55	Disposal	Tradebe
Oxidizing liquid	08/16/11	5-gal poly	1	15	55	Disposal	Tradebe
Flammable liquid [acetone, methanol]	08/16/11	55-gal poly	2	650	110	Disposal	Tradebe
Flammable liquid [acetone, methanol]	08/16/11	55-gal poly	2	500	110	Disposal	Tradebe
Ferric chloride anhydrous	08/16/11	55-gal poly	2	560	110	Disposal	Tradebe
Aluminum chloride anhydrous	08/16/11	55-gal poly	13	2600	715	Disposal	Tradebe
Phosphorous amorphous	08/16/11	55-gal poly	1	120	55	Disposal	Tradebe
Non-RCRA, Non-DOT regulated material (Silica, Oil)	08/16/11	55-gal poly	1	200	55	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	3960	Disposal	PSC
Corrosive liquid, D002 (acidic mixture)	09/15/11	5,000 gal tanker truck	1	19,040	1,855	Disposal	Vickery Environmental
Dibromofluorobenzene/dibromotoluene	09/20/11	55-gal Poly	134	84,720	7,370	Disposal	PSC
x-bromotoluene	09/20/11	55-gal Poly	29	37,860	1,595	Disposal	PSC
m-bromoanisole	09/20/11	55-gal Poly	113	41,640	6,215	Disposal	PSC
methanol	09/22/11	55-gal Poly	109	-	5,995	Disposal	Tradebe
toluene; and toluenes with bromine	09/22/11	55-gal Poly	51	-	2,805	Disposal	Tradebe
m-bromofluorobenzene (MBFB)	09/22/11	55-gal Poly	63	-	3,465	Disposal	PSC
m-bromofluorobenzene (MBFB)	09/22/11	275-gal tote	10	-	2,750	Disposal	PSC
fluoroanisole	09/22/11	55-gal Poly	1	-	55	Disposal	PSC
bromobenzene	09/22/11	55-gal Poly	30	-	1,650	Disposal	PSC
n-propylbromide	09/22/11	55-gal Poly	40	-	2,200	Disposal	PSC
Dibromofluorobenzene/dibromotoluene	09/22/11	275-gal tote	14	-	3,850	Disposal	PSC
hydrobromic acid	09/26/11	55-gal Poly	220	-	11,110	Recycling	Altiras
hydrobromic acid	09/27/11	55-gal Poly	128	-	7,040	Recycling	Altiras
Non-hazardous liquids	09/27/11	5,000 gal tanker truck	1	34,960	4,000	Disposal	Tradebe
diazene (non-DOT/non RCRA regulated)	09/27/11	55-gal Poly	2	600	110	Disposal	PSC
anisole	09/27/11	55-gal Steel	6	2,500	330	Disposal	PSC
paint containers	09/27/11	55-gal Poly	9	3,600	495	Disposal	PSC

B. Disposal / Recycling Inventory.

[illegible]