

ABBY STREET WORK PLAN

For The Collection and Removal of Soils from the Abby Street / Hydro-Air Work Site.

General Description

This work plan details the pickup, hauling and disposal of soils and solid waste excavated during the construction of Abby Street in the City of Buffalo.

During the construction of Abby Street excess excavated material consisting dirt mixed with timbers, concrete, rubber belting, and steel was stock piled at the rear of the site to be occupied by the new Hydro-Air manufacturing facility. Because the soils are mixed with solid waste they could not be used as fill material on the Hydro-Air site and will be removed and transferred to an appropriate solid waste disposal facility. Separating the soil and solid waste was considered and ruled out due to cost and schedule considerations.

Work Plan

The soils containing miscellaneous solid waste will be loaded in to dump trucks and hauled to Modern Waste's Transfer station on South Ogden Street. Each load received at the transfer station will be weighted and a receipt issued before dumping. The details relating to location pile identification and records are listed below.

- **Pile Location:** Piles of soil excavated from the city of Buffalo Right-of-Way have been staked for identification in the field and are shown on the attached plan. On December 12th 2006 the representatives from Benchmark, Parsons, Visone and the City of Buffalo met at the site to review pile locations. An inspector will be at the site to monitor removal.
- **Testing:** At the request of Modern Disposal additional TCLP Metals testing was conducted on four composite samples for lead and chromium levels. The test results were favorable as none of the samples exceeded the hazardous waste threshold of 5mg/L. The analysis results are included as Attachment 2.
- **Loading** The City of Buffalo has contracted with Visone Construction Inc. to load and transport the soils to the transfer facility.

Abby Street Work Plan

- **Disposal:** The City of Buffalo has entered into an agreement with Modern Disposal Services Inc. to accept the materials. All soil and solid waste will be trucked to Modern's transfer station located on 793 South Ogden Street in the City of Buffalo. Upon arrival at the facility each truck will be weighted and a delivery ticket issued.
- **Work Dates** Work is scheduled to begin on or about December 18th 2006 and is expected to be completed in two weeks.
- **Records:** After removal has been completed a memo detailing the quantity of material delivered to the transfer station and copies of the delivery tickets will be forwarded to the NYSDEC.

Attachment 1

Site Map

Attachment 2
Analysis Results

Gaul, Christopher

From: Mike Lesakowski [mlesakowski@turnkeyllc.com]
Sent: Thursday, December 14, 2006 2:05 PM
To: dkreuz@ch.ci.buffalo.ny.us
Cc: 'Tom Forbes'; Gaul, Christopher
Subject: Abby Street TCLP results

Dan,

The TCLP results are favorable...they do not exceed hazardous waste threshold of 5 mg/L. I also forwarded these results to Mike Gullo at Modern Disposal.

Regards,

Mike

Mike Lesakowski
Project Manager
Benchmark Environmental Engineering and Science
TurnKey Environmental Restoration, LLC
Larkin at Exchange
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Date: 12/14/2006
Time: 13:46:47

Steelfields - Former LTV Steel site
Waste analysis
TCLP METALS

Rept: AN0326

Client ID Job No Sample Date	Lab ID	Units		Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
		MG/L	MG/L					
ABBY ST 1000 C4 1 A06-E858 12/11/2006	A6E85804	0.093 NA	0.0050	0.0050	0.093 NA	0.0050	0.093 NA	0.0050
ABBY ST 250 C4 1 A06-E858 12/11/2006	A6E85801	NA 0.015	0.0040	0.0040	NA 0.015	0.0040	NA 0.015	0.0040
ABBY ST 250 C4 2 A06-E858 12/11/2006	A6E85802	0.031 NA	0.0050	0.0050	0.031 NA	0.0050	0.031 NA	0.0050
ABBY ST 250 C4 3 A06-E858 12/11/2006	A6E85803	0.28 NA	0.0050	0.0050	0.28 NA	0.0050	0.28 NA	0.0050
Lead - Total Chromium - Total								

Date: 12/14/2006
Time: 13:46:47

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Client ID Job No Sample Date	Lab ID	Units	ABBY ST 1000 C4 3 A06-E858 12/11/2006		A6E85805		Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
			Sample Value	Reporting Limit	Sample Value	Reporting Limit					
Chromium - Total		MG/L	0.0056	0.0040	NA	NA	NA	NA	NA	NA	NA
Lead - Total		MG/L	0.029	0.0050	NA	NA	NA	NA	NA	NA	NA

**Chain of
Custody Record**

STL-4124 (0901)

Client: Bentley K EES Project Manager: Mike Lesakowski Date: 12/11/06 Chain of Custody Number: 299330

Address: (on file) Telephone Number (Area Code)/Fax Number: (on file) Lab Number: 1 of 1

City: _____ State: _____ Zip Code: _____ Site Contact: _____ Lab Contact: _____

Project Name and Location (State): HVAC - Air, Buffalo, NY Carrier/Maybill Number: _____

Contract/Purchase Order/Quote No.: _____

Analysis (Attach list if more space is needed):

TLR-RB	
TLR-CR	

Special Instructions/Conditions of Receipt:

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix					Containers & Preservatives												
			Air	Aqueous	Sed	Soil	Unpres	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH								
Abby St. 250 CY #1	12/11/06	8:15a		X																
Abby St. 250 CY #2		8:30a		X																
Abby St. 250 CY #3		8:35a		X																
Abby St. 1000 CY #1		8:40a		X																
Abby St. 1000 CY #3		8:20a		X																

Possible Hazard Identification: Non-Hazard Flammable Skin Irritant Poison B Unknown Disposal By Lab Archive For _____ Months Return To Client (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required: 24 Hours 48 Hours 7 Days 14 Days 21 Days Other _____

1. Relinquished By: WJL Date: 12/11/06 Time: 10:00a

2. Relinquished By: WJL Date: 12/11/06 Time: 12:15

3. Relinquished By: WJL Date: 12/11/06 Time: 10:05

1. Received By: WJL Date: 12/11/06 Time: 10:05

2. Received By: WJL Date: 12/11/06 Time: 12:20

3. Received By: _____ Date: _____ Time: _____

Comments: _____

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

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