COUNTY OF NORTHAMPTON

RECORDER OF DEEDS

NORTHAMPTON COUNTY GOVERNMENT CENTER 669 WASHINGTON STREET EASTON, PENNSYLVANIA 18042-7486 Area Code (610) 559-3077

> Ann L. Achatz - Recorder Andreg F. Suter - Load Deputy Kathy Nansteel - Deputy



Book - 2006-1 Starting Page - 250703 *Total Pages - 26

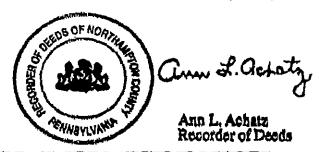
Instrument Number - 2006037081 Recorded On 6/21/2006 At 3:16:33 PM

- * Instrument Type DECLARATION NON PROPERTY Invoice Number - 503730
- * Grantor OLIN CORPORATION
- * Grantee OLIN CORPORATION User - KAB
- * Customer ABE ABSTRACT INC

* FEES		* <u>R</u>
STATE WRIT TAX	\$0.50	A
recording fees	\$55.00	38
COUNTY RECORDS	\$2.00	В
improvement fee		
deeds records	\$3.00	
improvement fee		
TOTAL	\$60.50	

*RECORDED BY:
ABE ABSTRACT INC
38 W MARKET ST
BETHLEHEM, PA 180185703

I hereby CERTIFY that this document is recorded in the Recorder's Office Of Northampton County, Pennsylvania



THIS IS A CERTIFICATION PAGE

Do Not Detach

THIS PAGE IS NOW THE FIRST PAGE OF THIS LEGAL DOCUMENT

Book: 2006-1 Page: 250703



Luformation denoted by an asterisk may change during the verification process and may not be reflected on this page.

H8 5 1 0626

RECORD AND RETURN TO:
ABE Abetract, Inc.
38 W. Market St.
Bethlehem, PA 18018

ACKNOWLEDGEMENT AND DECLARATION OF LAND USE RESTRICTION

This ACKNOWLEDGEMENT AND DECLARATION OF LAND USE RESTRICTIONS is made by OLIN CORPORATION, a Virginia corporation (the "Grantor"), having offices at 190 Carondelet Plaza, Suite 1630, Clayton, MO 63105, appearing herein through its duly authorized undersigned officer, on this 15th day of June, 2006.

WHEREAS, Grantor is the owner of that certain property located at 731 Engler Road, Town of Nazareth, Plainfield Township, Northampton County, in the State of Pennsylvania, being more particularly described in Exhibit A to this ACKNOWLEDGEMENT AND DECLARATION OF LAND USE RESTRICTIONS (the "Land"); and

WHEREAS, hazardous substances at the Land have been remediated in conformance with the Pennsylvania Land Recycling and Environmental Remediation Standards Act under the oversight of the Pennsylvania Department of Environmental Protection ("PADEP") and pursuant to the requirements of this Act Grantor will restrict the future use of the Land.

NOW, THEREFORE, GRANTOR, in consideration of the above and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, hereby makes this Acknowledgement and Declaration of Land Use Restrictions as set forth below:

I. ACT 2 NOTICE

Pursuant to Sections 303(g) and 304(m) of the Pennsylvania Land Recycling and Environmental Remediation Standards Act ("Act 2"), 35 P.S. §§ 6026.303(g) and 6026.304(m), the Grantor hereby acknowledges that hazardous substances have been disposed of on the land described in the deed ("Land"). The surface area size and exact location of the substances on the Land is as shown on the plan

BOOK 2003-1 Page 250704

attached to the Pennsylvania Environmental Protection's Act 2 Final Report approval letter dated March 30, 2006, and Final Report summary dated August, 2005, attached hereto as Exhibit B. The types of hazardnus substances located on the Land were certain acids and ammonia compounds, residues of which include chloride, fluoride, sulfate, ammonia, nitrite and nitrate, plus low pH resulting from acid handling. A listing of any groundwater detections above the residential (Statewide) standards is shown on Exhibit C: The soils and groundwater have been demonstrated to comply with non-residential use exposure scenario Act 2 standards, including the use of a deed restriction for groundwater.

II. LAND USE RESTRICTIONS

The Pennsylvania Land Recycling and Environmental Remediation Standards Act ("Act 2") Final Report approval letter and summary attached hereto as Exhibit B describes various remediation measures that have been performed at the Land and demonstrate that the non residential statewide health standard and alte specific standard for all contamination in groundwater and soils at the Land has been attained. Consistent with PADEP's determinations set forth in Exhibit B, in accordance with the provision of Sections 303 and 304 of Act 2 (35 P.S. §§ 6026.303 and 6026.304), the Land shall be subject to the following restrictions and coverants: (1) Groundwater from any existing wells on-site shall not be used for any purpose except monitoring, however, existing production well PW-1 may be used for any other purpose except for drinking water or for agricultural purposes. PW-1 may be used for drinking water or agricultural purposes if it is first pre-treated to reduce the concentration of fluoride to or below the maximum concentration level of 2.0 mg/L, or if the PADEP has approved, in writing, potable or agricultural use for this well without the need for fluoride treatment/reduction. Groundwater from any new well(s) drilled on site in the future (i.e., following the date of the PADEP Final Report approval letter on March 30, 2006) for any purpose other than monitoring must be shown, through adequate sampling and analysis, to be safe for its designated intended purpose and must first be approved for use, in writing, by the PADEP, and may require periodic monitoring to ensure its continued safe use; (2) the Land shall be used solely for nonresidential purposes; and (3) that portion of the building slab identified in Exhibit A as the "Restricted Area" shall be maintained and if soils under such slab are accessed or excavated, such access shall follow the Soil Excavation Plan in Exhibit D, until such time as PADEP approves that access no longer needs to be restricted. Any engineering or institutional controls on the Property shall be maintelined to the extent necessary for compliance with the remedy implemented pursuant to the approved Cleanup Plan and to maintain compliance with the Act 2 standards selected in the approved Final Report.

Pursuant to Sections 303 and 304 of Act 2 (35 P.S. §§ 6026.303 and 6028.304) and Exhibit B hereto, the above restrictions and covenants shall apply to and run with the Lend, and no modification to these restrictions or covenants shall be made, except as authorized pursuant to Section 903 of Act 2 (35 P.S. § 6026.903). This hazardous substance acknowledgement is required to be included in the description of the Land described in this deed for all future conveyances or transfers of the Land pursuant to Section 405 of the Solid Waste Management Act, 35 P.S. 6018.405 and Section 512(b) of the Hazardous Sites Cleanup Act, 35 P.S. § 6020.512(b).

IN WITNESS WHEREOF, said Olin Corporation has caused this ACKNOWLEDGEMENT AND DECLARATION OF LAND USE RESTRICTION to be duly executed this 1377/day of June, 2006.

OLIN CORPORATION

Curtis M. Richards Its Vice President,

Environmental, Health and Safety

STATE OF TENNESSEE)

: ss. Charleston

COUNTY OF BRADLEY)

in witness whereof I hereunto set my hand.

Print Name: alison Elmore

Notary Public

My Commission expires: May 1,20017

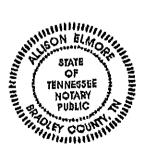


EXHIBIT A

DESCRIPTION OF PROPERTY

Northampton County Tax Map: Map H8, Block 5, Lot 1 and Map H8, Block 6, Lot 1A, more particularly described as follows:

TRACT NO. 1:

ALL THAT CERTAIN tract or parcel of land situate in the Township of Plainfield, County of Northampton, and State of Pennsylvania, bounded and described as follows, to wit:

BEGINNING at a nail and cap set in the center of the public road leading from Kesslerville to Edelman, said point being South seventy-five degrees thirty minutes East (S. 75° 30' E) four hundred fifty feet (450.00') from the Intersection of the centerlines of the above mentioned road and the public road leading from Belfast to Edelman; thence along the centerline of the Kesslerville-Edelman Road North seventy-five degrees thirty minutes West (N. 75° 30' W) one hundred fifty feet (150.00') to a point; thence along line of land now or late of Yelsley North ten degrees twenty-one minutes twenty seconds East (N. 10° 21' 20" E) one hundred seventy-six and fifty one-hundredths (176.50') feet to an Iron pipe; thence along same North seventy five degrees thirty minutes West (N. 75° 30' W) one hundred fifty feet to an iron pipe; thence along line of various owners North ten degrees twenty-three minutes, twenty-four seconds East (N. 10° 23' 24" E) four hundred twenty-six and ninety-seven one-hundredths feet (426,97) to an iron pipe found; thence along line of land now or late of W, Camps North fifteen degrees zero one six minutes zero one seconds East (N. 15° 06' 01" E) sixty-four and eighty-nine onehundredths feet (64.69') to an iron pipe found; thence along same North sixteen degrees forty-seven minutes East (N. 16º 47' E) three hundred sixty-one and thirty-five one hundredths feet (361.35') to an iron pipe found; thence along line of land now or late of R. Tanges North eighty degrees fifteen minutes zero two seconds East (N. 80° 15' 02' E) three hundred eleven and thirty-eight one-hundredths feet (311.38') to an Iron pipe set; thence along the western side of the right of way of the Bangor and Portland Division of the Erie-Lackawanna Railroad Company and the following three (3) courses and distances: (1) along the long chord of a curve to the left, said chord having a bearing of South nine degrees fifty minutes thirty-four seconds East (S. 9° 50' 34" E) two hundred fifty-two and thirty-four one-hundredths feet (252.34") to an iron pipe, (2) South thirteen degrees seventeen minutes zero seconds East (S. 13° 17' 00" E) two hundred seventy-four and sixty one-hundredths feet (274.60') to a concrete monument found, (3) around a curve to the right with a radius of one thousand three hundred ninety-one and sixty-three onehundredths feet (1391.63) an arc length of seven hundred four and thirty-seven one-hundredths feet (704.37) to a railroad spike set in the center of the Kesserville-Edelmen Road; thence along same North seventy-five degrees thirty minutes West (N. 75° 30' W) three hundred forty-eight and twenty-one hundredths feet (348.20')to a nail and cap set, the place of beginning.

CONTAINING 13,2312 Acres of land,

Assessor's Parcel Number: H8 5 1 0626 GIS PID: 5365-17-8567-0122

EXHIBIT B

Pennsylvania Department of Environmental Protection Approval



Pennsylvania Department of Environmental Protection

2 Public Square Wilkes-Berre, PA 18711-0790 March 30, 2006

Northeast Regional Office

Mr. Michael J. Beliotti Olin Corporation Environmental Remediation Group P.O. Blox 248 1186 Lower River Road, NW Charleston, TN 37310-0248

Telephone: (570) 826-2511 Fax: (570) 820-4907

Received

APR 0.9 2006

L'Y Rosmer div.

Re: ECP-Special Projects - Act 2 Approval of Cleanup Plan and Final Report Former Olin Microelectronics Materials, Inc. Site eFACTS site ID #239447, Primary Facility ID#646417 731 Engler Road Plainfield Township, Northampton County

Dear Mr. Bellotti:

I am pleased to inform you that the Cleanup Plan and Final Report for the site named above have been approved.

The Department of Environmental Protection (Department) has completed its review of both your Cleanup Plan and Final Report pertaining to the subject site listed above and submitted in accordance with the provisions of the Land Recycling and Environmental Remediation Standards Act (Act 2). The reports were prepared by Mr. Nils Thompson, P.G., with MACTEC Engineering and Consulting, Inc. and were originally received on August 16, 2005. Supplemental information was received in the form of a revised Cleanup Plan and Flual Report, received in this office on December 22, 2005 in response to the Department's November 2, 2005 review/deficiency comment letter. The reports were submitted in order to document attainment of a combination of the non-residential Statewide health standard and sitespecific standard under Act 2 to address the presence or suspected presence of inorganic compounds in both soils and groundwater as the result of historic site operations where high purity acids were produced.

Based upon the information submitted in the Final Report, the Department approves this Final Report for the substances identified and remediated to an Act 2 standard within the site specified, Specifically, this approval applies to the site soils and groundwater associated with Olin's 13.2 acre "Tract 1" parcel. Site characterization sampling and a risk assessment of impacted soils and groundwater on this property has demonstrated attainment with a combination of the non-residential. used-aquifer Statewide health standard and site-specific standard under Act 2 for the following constituents - chloride, sulfate, nitrate, fluoride, ammonia-ultrogen, nitrite and pH. Attached Tables 1 and 2 specifically identify how attainment was demonstrated for each constituent in each environmental media (soil and groundwater).

www.dep.state.pa.us

Printed on Recycled Paper (Aux)



Mr. Michael J. Bellotti Olin Corporation -2-

March 30, 2006

Chapter 5, section 501 of the Act, provides liability protection to sites where attainment of cleanup standards is demonstrated. Cleanup liability protection provided by this chapter applies to the current and future owner or any other person who participated in the remediation, a person who develops or occupies the site, successor or assign of any person to whom liability protection applies, and public utility to the extent the public utility performs activities on the identified site.

A copy of the Final Report Summary form has been attached which describes the area(s) of the site that was/were characterized, contaminants identified, remediation performed, and standards attained. Characterization and remedial activities summarized in this Pinal Report and other associated Act 2 documents and supplemental information included, but was not necessarily limited to, the closure of a RCRA Elementary Neutralization Unit and Storage Pad (certified closed dated December 12, 1996), the closure of a former retention pond on the north side of the building, the cessation of use and closure of a spray irrigation field on the west side of the property formerly used for the discharge of non-contact cooling water, the demolition and removal of various tanks and other processing-related equipment located inside and outside the building, the removal and closure of a 10,000 gallon no. 2 fuel oil tank formerly located on the west-central side of the building, the sampling of an off-site residential well, the sampling of surface water in the Little Bushkill Creek located east of the property, the sampling of soils located around and beneath the building where processing occurred or where accidental historic releases occurred, and the sampling of groundwater from monitoring or other wells located on the property.

Please provide this office with proof that the deed acknowledgment and deed restriction for this property has been filed with the local county courthouse as proof of final remedy implementation within approximately six (6) months of your receipt of this approval letter. The deed acknowledgment and restriction(s) are required elements of Sections 303(g) and 304(m) of Act 2.

For clarification, the Department considers the annual groundwater monitoring program proposed in the approved Cleanup Plan as the post-remediation care plan required by §250.411(d) and applicable sections of §250.708.

If you choose to abandon any monitoring wells on site that will not be included in your post-remedial care groundwater monitoring program, as proposed in your approved Cleanup Plan, please ensure that the wells are properly abandoned according to the Water Well Drillers License Act (Act 610) and the guidelines in Chapter 7 of the DEP's "Groundwater Monitoring Guidance Manual". Please also provide this office with a copy of the well abandonment forms required to be submitted to the PA Geological Survey upon their completion.

Although remediation under Act 2 is now complete for this site, you are advised that any future earth disturbance or development may require either approvals or permits from the appropriate county soil conservation district. Therefore, you should contact the conservation district before engaging in any such activities.

Thank you for your cooperation in working with the Department in the remediation of this site. Your efforts are helping to return land to productive use and prevent the needless loss of greenspace across the Commonwealth.

Mr. Michael J. Bellotti Olin Corporation

-3-

March 30, 2006

If you have any questions or need further information regarding this approval, please contact Miss Amy Randolph, Project Officer, at (570) 826-2268.

Sincerely,

Program Manager

Environmental Cleanup Program

·Attachments

Cc: Plainfield Township (w/attachments)

Grant Dufficy - US EPA Region III (w/attachments)

Nils Thompson - MACTEC Engineering and Consulting (w/o attachments) Doug Newton - MACTEC Engineering and Consulting (w/o attachments)

Page 1 of 6

Land Recycling Program

Review Site for the Final Report Summaries

Home Page

Review a Final Report Summary

Final Report Summary

2005-08-22 08:55:25

Identification

Property Name: Olin Nazareth Facility

Property Descriptor: Inactive - formerly a high purity acids production facility

Address/Location

Address: 731 Engler Road

City: Nazareth Zip Code: 18064

Municipality

	
Name	Site Located
Plainfield township	· · · · · · · · · · · · · · · · · · ·

County: Northampton

Latitude: +40° 44' 0.0" Longitude: -75° 18' 0.0"

Property Specifics

Size of property: 13.2 acres

Number of sites: 1

Combined acreage of sites: 13.2 acres

Page 2 of 6

Remediation

Standards attained or special industrial area attainment. (Check all that apply, Can use multiple.)



Bac kground

Statewide health

Site-specific

Special industrial area

Proposed future property use - scenario for which the attainment of Statewide Health standard is demonstrated

C Residential

Mon-residential

List of contaminants



· ·]				
	Chemical Name	CAS Number	Mass Contaminant Treated or Removed (lbs.)	Moss Contaminant Managed on Site (lbs.)
	CHLORIDE	007664-41-7		0.0
	FLUORIDE		100	0.0
			0.0	0.0
	NITRITE NITROGEN		00	0.0
. S	ULFATE		0.0	0.0
	, · · · · · · · · · · · · · · · · · · ·	014808-79-8	0.0	0.0
(Gt	7013th dimensis			

Groundwater

Chemical_Name	CA	S_Number	Mass Contaminant Treated or Removed (lbs.)	Mass Contaminant Managed on Site (lbs.)



Page 3 of 6

: AMMONIA			
CHLONDE	007664-41-7	0.0	0.0
FLUORIDE	016887-00-6	0.0	0.0
, /, 	016984-48-8	0.0	0.0
NITRATE NITROGEN	014797-55-8	00	=
NITRITE NITROGEN	014505	0.0	0.0
SULFATE	01 4000 50 0		0.0
A STATE OF THE STA	014008-79-8	0.0	0.0

Remediation

Number of sampling rounds for groundwater attainment: 8

Special Features

Non-use aquifer approval date:

Area-wide background approval date:

Amount of waste removed other than soil or groundwater (cubic yards): 0,0

Municipal ordinance prohibiting groundwater use:

Post remediation care plan: Monitoring of groundwater and surface water quality.

Other Programs

Key Site

Multi-site Agreement; Date;

Enterprise Zone

Keystone Opportunity Zone

Administrative

Municipality request for public involvement plan

Deed notification

Page 4 of 6

V. Deed acknowledgment: To be cleveloped

Land Comment M. Deed restriction: To be developed.

Cleanup cost (\$): 160000.0

Arrest in Jobs created/saved: 0

Narrative

The subject property is located in the Plainfield Township, Town of Nazareth, Pennsylvania. The subject property is inactive. It was formerly used as a high purity acids production facility. A copy of the site plan man with groundwater monitoring well locations and surface water sampling locations is included as Attachment I, page 1. The plant operations were limited to Tract One. Storage tanks, both aboveground and underground, and sumps have been removed during site demolition activities, which were completed in 1998, A permitted spray irrigation system operated at the northwest side of the property; the use of this system ended in 1997. Two surface water impoundments were formerly in use at the Site. The firewater pond located at the west side of the property has been drained, but may be recommissioned for use by a new owner. The retention pond has been drained, cleaned, and filled with or ished decontaminated concrete debris from demolition activities. In addition, during demolition activities that occurred in 1998, process equipment, process lines, HVAC units, and duct work were removed, and minor building repairs completed. One production well, PW-1, remains at the Site, but is inactive. The Site soil is glacial drift overlying shale/slate bedrock. The upper layer of the bedrock is characterized by fractures. Site monitor wells were completed in overburden and bedrock to monitor groundwater quality conditions in multiple zones. Site Characterization Soil: Soil samples have been collected during three separate events at the former plant manufacturing area. Six constituents of interest and pH were included in the analyses. The soil results attained the Statewide Health Standards for direct contact and for protection of groundwater resources. In the Risk Assessment Report, the soil data were also compared to risk-based industrial soil screening criteria. The maximum detected soil concentrations were less than the risk-based screening criteria. Based on the comparison to the available Statewide Standards for soil and the USEPA Region III risk-based screening criteria, it has been concluded that residual chemicals in soil do met pose a threat to human health under an industrial land use scenario. The soil sampling locations are shown in Attachment I, page 2. On-site Groundwater: Groundwater samples have been collected at the Site since the mid-1980s. Six site-related constituents (ammonia as nitrogen, chloride, fluoride, nitrate, nitrite, and sulfate) and pH have been analyzed during these events. In 2004, water samples were also analyzed for total and hexavalent chromium. However, neither of these compounds were detected. Based on results from the last eight sampling episodes, these semiannual or annual groundwater quality monitoring events have demonstrated that site concentrations of ammonia, chloride, and nitrite are less than Statewide Health Standards. Data for the last eight ground water sampling episodes is provided in Attachment 2. These monitoring events have also indicated water quality in four locations (H-2, H-3, H-4 and MW-1) are consistent with Statewide Health Standards for fluoride, nitrate, and sulfate. However, data collected from monitor wells H-1, H-5, H-6, H-7, PW-1, and closed-out former production well PW-2B show exceedances greater than the Statewide Health Standards for one or more of the following compounds: fluoride, nitrate, and sulfate. A conceptual site model was developed which indicates that on-site receptors may potentially come into contact with

Page 5 of 6

Carlotte Comments shallow groundwater during construction or during the use of deep bedrock groundwater for potable or industrial use. These potential exposure pathways were quantitatively addressed in the Risk Assessment Report. No linucceptable potential risks for industrial or construction workers exposed to groundwater were identified. However, in order to support a Site-Specific Standard (SSS) for fluoride, nitrate, and sulfate, the exposure assumptions used in the Risk Assessment were used to calculate acceptable concentrations in groundwater. These calculations are based on a target hazard index of one and are presented in the Risk Assessment Report, The SSS for fluoride is 6.1 milligrams per liter (mg/L). The SSSs for nitrate and sulfate are 160 mg/L and 730 mg/L, respectively. The Comparison to Site-Specific Standards for fluoride, nitrate, and sulfate are shown in Attachment 1, pages 3, 4, and 5. Olin will place a groundwater use restriction on the property via a deed notice. This notice will specify that groundwater should not be used for industrial drinking water purposes unless the detected concentrations are less than . the SSSs for fluoride, nitrate, and sulfate. Surface Water: Little Bushkill Creek has been monitored on a somigninual basis to evaluate whether or not potential shallow groundwater discharges were adversely impacting surface water quality. Data collected from the creek indicate no evidence of adverse impacts. No exceedances of surface water quality criteria protective of human health and aquatic life have been observed. Data collected from the hydraulically upgradient location is consistent with the downgradient location. This information supports our interpretation that shallow groundwater at the Site is not migrating, but is localized to the Site. Off-site Groundwater: In August 2004, a residential well located approximately 350 feet southeast of the Site was sampled and analyzed for site-related constituents. The only constituents detected included chloride and sulfate. The concentrations of both chemicals were less than drinking water standards and were consistent with regional background concentrations. In 1996, hydrogeologic testing was conducted to evaluate the interconnectivity within the deep bedrock fractures and between the deep and shallow bedrock wells. Limited interconnectivity was observed in the two deep bedrock wells. No connectivity was noted between the deep and shallow wells included in the test (Smith Environmental, 1996). These observations support the conclusion that bedrock fractures at the Site are limited in capacity and interconnectivity. In addition, the elevated constituent levels detected in well PW-1 and former well PW-2B are not detected in hydraulically downgradient well MW-1, indicating that impacts observed in the deep bedrock are localized and not migrating off-site. While offsite receptors utilize groundwater as drinking water within a 1,000-foot radius of the Site, the recent sampling results for the nearest residential well and the newly installed monitor well, MW-3, indicate that migration of groundwater from the Site has either not occurred or not interconnected with the groundwater flow system used for nearby residential wells. The hydrogeologic character of the bedrock aquifer of the Site precludes the potential for off-site migration. The fractures are of limited waterbearing capacity and interconnectivity is minimal. Off-site exposure pathways for bedrock groundwater are currently incomplete. Based on the characteristics of the bedrock at the Site, future off-site exposure pathways are also expected to be incomplete, especially since construction within a flood plain is restricted and the property downgradient of the Site is predominantly located in a flood plain. A potentiometric surface map and two cross-sections are provided in Attachment 1, pages 6, 7, and 8. Through the use of land use controls, the Site attains compliance with SSSs for fluoride, nitrate, and sulfate in groundwater. Ecological Screening: Constituents detected on site in soil and groundwater are not considered to be constituents of ecological concern, and no complete pathways of exposure were identified. Limited ecological habitat was observed on site; off-site areas with potential habitat have not been impacted by past industrial activities. No additional ecological evaluation is required for the site under PADEP guidelines. Deed Restrictions: Olin will place restrictive covenants on the property to ensure that groundwater will be used for non-residential purposes. The property is currently zoned as

Remediator/Property Owner/Consultant

Page 6 of 6

Contact Person: Michael Bellotti

Title: Property owner

Phone Number: (423) 336-4587

Email Address:

Company Name: Olin Corporation

Address: 1186 Lower River Road Charleston, Tennessee 37310

Attachruents (Note: Click the file name will open a new window.)

File Name: 00505-Attachment l. pdf

Caption: Attachment 1

File Name: 00505-Attachment2,xls

Caption: Attachment 2

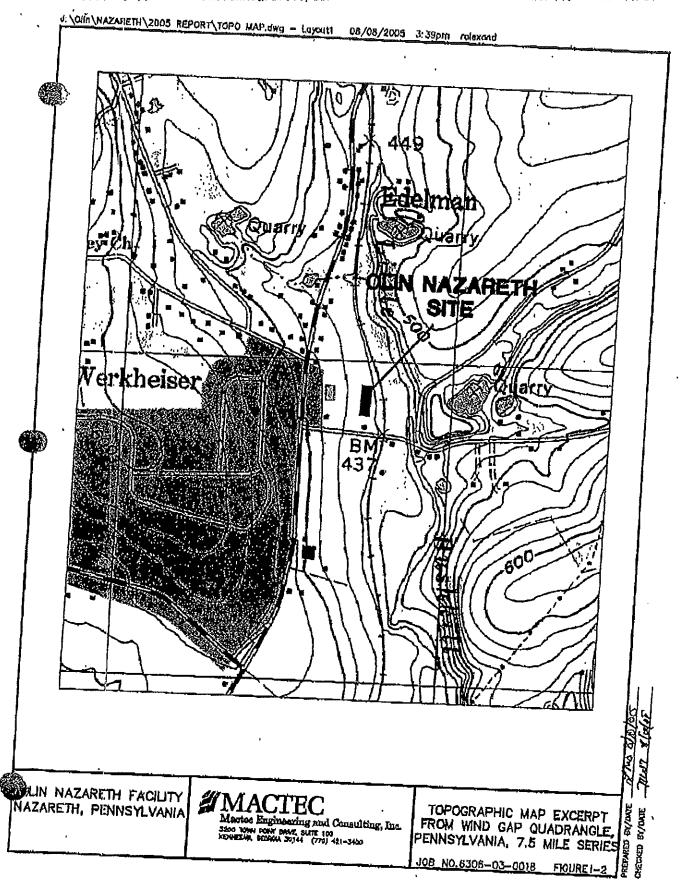
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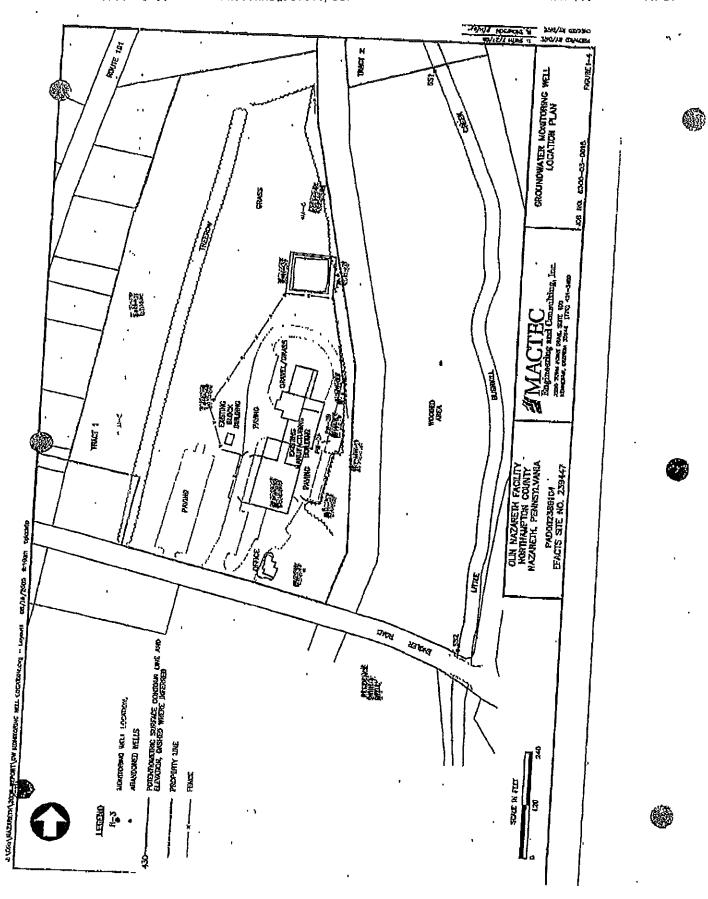
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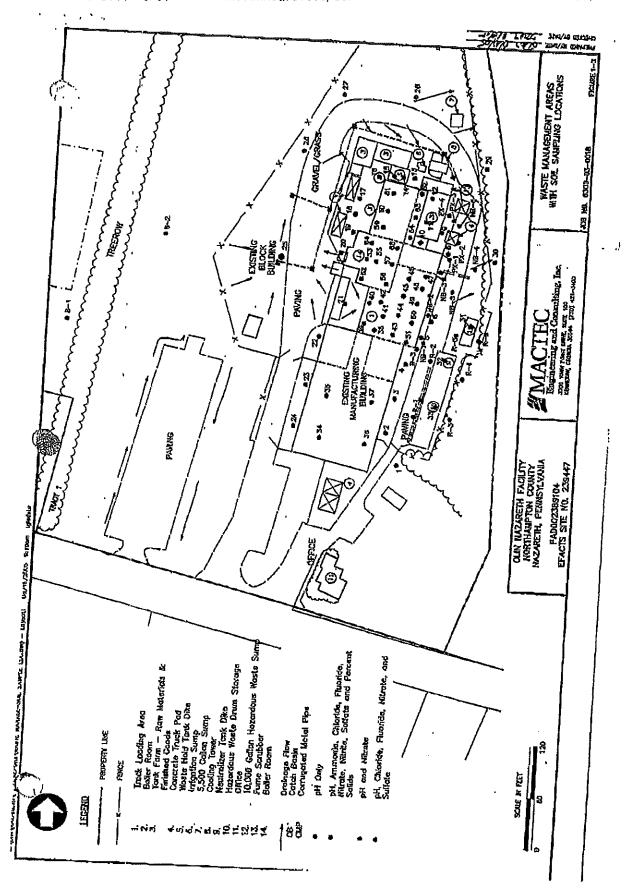
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BACK to the previous list of final report summitaries at a







No Complete Exposure Pathyrays (a)

Table 1

Summary of Attainnent Criteria for Soil Nazareth, Pennsylvania Offn Nazareth Facility

		Selected Reported Attended	DAURINI PRINCIPALITA	Not applicable	Not applicable	Not applicable	Not applicable	Notapplicable	Not applicable	No Complete Dimension in the
	In Attachment of a	- Andringer Achieved?	Soil SSS IYes - No extressions	Yes - No emerican	Yea - No Amendance	Yes - No exceedance	Intuka Sol MSC Yes - No moeedame of Bon 6 45	Yes - No exceedance	No - Limited exceptions ::	and an
	Unita Basis		Soi SSS	Sel See	Sok 898	Mg/kg Soll SSS	SN INSC	Soll SSS	Soll SSS	
ı	Unita		mg/kg	Sngrkg	mg/kg	Morks	III (J.)KG	BOYCO		
Kite-1.	Attigunationt Crition's	72.00	10,000	020,020	180,600	9,700	1,800	36	33	
Paramotor	1 A TOTAL	Chores	1120	1	Fluoride	Americans	Sarie	F		

maigrams per klogram mg/kg

Soil Medium Specific Standards standard units

Soil MSC Soil SSS Not dipplicable (8)

Soil Sie-Specific Standards as proposed in the Risk Assessment Report and presented in Final Report.

No MSCs svalable for this parameter. Soil concentrations less than Sie-Specific Standards based on Region 3 Risk-based Concentrations.

Buildings overlie exceedances. A health and cafety plan will be attached to the deed, addressing potential excavation protocols.

Table 2

Summary of Attainment Criteria of Groundwater Nazareth, Pennsylvanta Olin Nazareth Facility

	Selected Remedial Afternative	GW Montoring		Not applicable GW Manhares
To Aug.	GW MSC Yes - 95% UCL does not exceed	GW SSS Yes - 85% UCL does not exceed GIV SSS No85% UCL does not exceed Air	Yes - No exceedance Yes - 65% UCL does not exceed (9)	Mac I Mar Mac exceeded in POC wells H-1 and H-8
Unites Busin	mg/L GWMSC mg/L GWSSS	mg/L GW/SSS	MOL GWASC	
Attalnment Criteria	730	8.1 30	8.5 to 8.5	
Parameter	Objorkte Suffete Nitrate	Fuorice Ammonia	Ha	1

m#ligrams per liter standero units Ě

GW Monttoring

Groundwater Medium Specific Standards GW MSC GW SSS

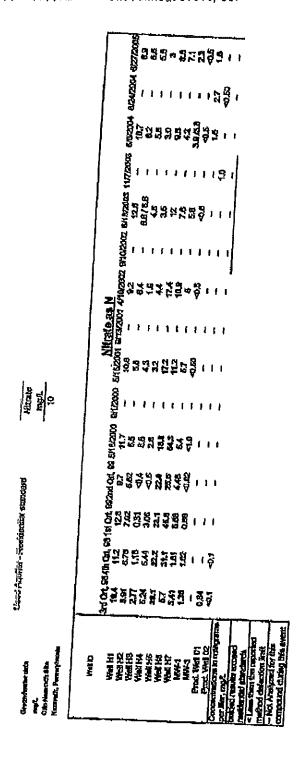
Groundwater Site-Specific Standards as proposed in the Risk Assessment Report. 85 percent upper confidence limit of the arithmetic mean. See Table 1. Point of compliance wells H-1, H-5, H-6, H-2, MM-1) 95% UCL

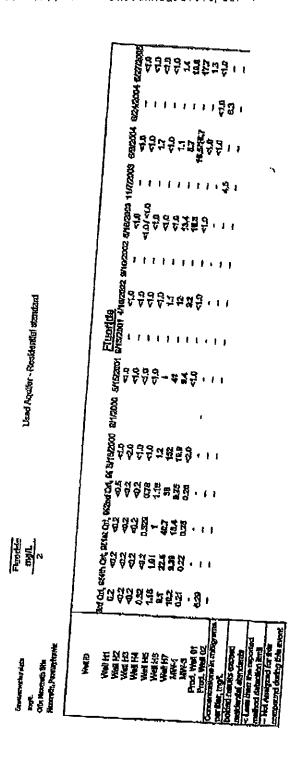
POC Point of compliance wells H-1, H-5, H-6, H-7, MW-1)
Not applicable This parameter does not axceed Statewide Standards, I.e., Itse Medium Specific Standard, so no remedial effernative is regarined.

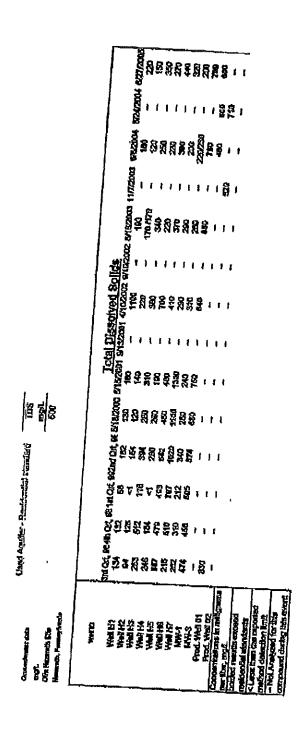
(8) The 85% UCL is meant after removal of one outlier data point (6.5 mg/L) collected in 1990,

EXHIBIT C Groundwater Detections

	25 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
	6242004 6271200 - 222 - 222 - 124 - 126 - 126
	88891 111111111111111111111111111111111
	22.1
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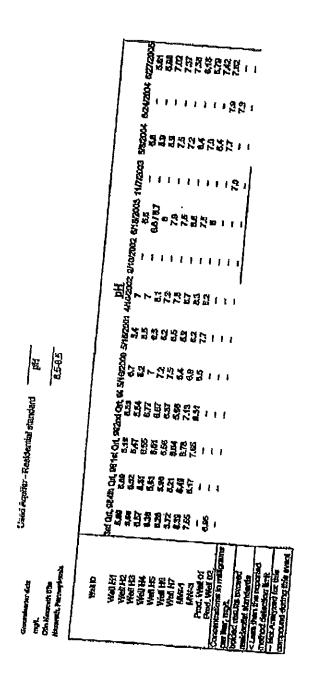


EXHIBIT D

Soil Excavation Plan

Any excavation into the subsurface beneath the Restricted Area of the building slab foundation must be accompanied by the following protocols to protect onsite workers from potential hazards associated with low pH (acid) conditions in soll. The protocols consist of:

- Should the concrete slab in the Restricted Area be breached, underlying soils that will be disturbed and/or accessed by personnel shall be tested for corrosivity using test method SW9045 or equivalent as is approved for testing the pH of soils by the U.S. Environmental Protection Agency or PADEP.
- If soils are identified at pH levels greater than pH 11 (caustic) or less than pH 3 (acidic) (the "Worker Protection Levels"), then additional measures as discussed in items 3 through 6 below must be taken.
- If onsite workers will potentially come into contact with soils at levels outside the Worker Protection Levels, such workers shall wear personal protective equipment consisting of protective gloves, tyvec coveralls and protective glasses at all times when contact with soils at levels outside the Worker Protection Levels is anticipated,
- 4. Any excavated soil from the Restricted Area will be tested to determine if it exhibits the conosivity characteristic before it is disposed and shall be properly disposed of in accordance with Pennsylvania solid and/or hazardous waste standards.
- 5. Any uncovered areas will be backfilled and compacted according to PADEP specification to isolate and eliminate any subsurface exposure to low or high pH soils. Any new soils shall be adequately compacted to physically support the continuing use of the area. The new slab and/or new soils shall continue to be maintained in good and proper repair.

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