# **AP - 001**

# 2015 WP-14 EXCAVATION

02/08/2016

HUNTSMAN

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RECEIVED COD 2016 FEB 12 P 1: 35

February 8, 2016

Mr. Glenn Von Gonten New Mexico Oil Conservation Division 1220 South St. Francis Drive Santa Fe, New Mexico 87505

Subject: WP-14 Limited Excavations Field Activities Report Former Brickland Refinery Site Sunland Park, New Mexico (Abatement Plan AP-001) – New Mexico Oil Conservation Division Approval Correspondence

Dear Mr. Von Gonten:

Huntsman is providing this letter to the NMOCD to report the Well Point WP-14 Limited Excavation Field Activities at the Former Brickland Refinery Site. This report includes a description of the field work performed, photographic documentation, and waste characterization and transportation documents.

### **New Mexico One-Call Services and Utility Checklists**

On November 2, 2015, ARCADIS submitted a New Mexico 811 (NM811) ticket to ensure utilities were marked out prior to the mobilization date of November 11, 2015. NM811 ticket number was submitted as part of ARCADIS policy to identify three lines of evidence prior to performing any intrusive work at project sites. Other lines of evidence used were client / owner interviews and map as well as visual surveys once onsite. All areas of excavations were cleared by utility companies with services in the area prior to beginning excavation activities. ARCADIS' checklist for utility clearance and the NM811 ticket are included as an attachment in Appendix D.

### **Field Activities**

On November 11, 2015, ARCADIS mobilized a backhoe with operator to the site to begin excavation around WP-14. Initial excavation activities were directly on top of the location of former WP-14 to determine if the "tar" material seen during groundwater gauging event was pooling around the WP-14 location. A seam of "tar" material was observed on the second bucket removed at approximately 2.5 feet below ground surface which happened to coincide with a location of a heavily corroded metal pipe. The "tar" material was immediately removed and placed into lined 20 cubic yard (cyd) roll off bins that were staged onsite to minimize mixing of surrounding soils with the "tar" material within the excavation. ARCADIS then excavated in all directions to ensure all tar material and impacted soil was removed.

During excavation activities to the east of the WP-14 location additional corroded pipe was observed to make a "T" into the area of the "tar" impacted material at WP-14. Excavations continued along this pipe run as it was a possible source area of the "tar" material. Approximately 10 feet of 3 to 4 inch diameter corroded metal pipe was found, removed from the ground, and placed into the roll off bin. Visual evidence of staining likely from "tar" material that once passed through this pipe was removed and also placed into roll offs. Excavations extended approximately 10 feet each direction from WP-14 to ensure no other "tar" material was found away from the WP-14 area.

No further impacts of "tar" material were observed away from the pipe run to the east or directly underneath WP-14; therefore ARCADIS stopped the excavation to limit soil volumes generated. The total volume removed for the excavation was approximately 50-60 cubic yards which was stored in

8600 Gosling Road, The Woodlands, Texas 77381 Tel.: 1-281-719-7400 Fax: 1-281-719-7500 www.huntsman.com



three 20 cyd roll off bins. In an abundance of caution, more soil was removed than initially expected for the limited excavation to ensure that all "tar" material and tar impacted soils once related to WP-14 were addressed.

Once all soil was removed from the excavation and stored in roll off bins the excavation was backfilled with material that had been historically stockpiled on-site to the north of WP-14, outside of the known lead impacted area to the south of WP-14. Backfill material was compacted as it was introduced to the excavation to limit future settlement of soils and the surface of the excavation backfill was levelled to the existing grade surrounding the excavation.

### Waste Management

ARCADIS handled the waste management of the roll off bins which included the sampling and profiling of the waste to obtain approvals for transportation and disposal. Once roll off bins were covered and secured they were moved to an area inside the site security fence closer to the front of the facility to allow for easier access for waste characterization sampling and loading for transport to the licensed facility for disposal. ARCADIS collected one composite sample per bin to be representative of the material within each bin, which was analyzed for volatile organic compounds, Toxicity Characterization Leachate Procedure (TCLP) benzene, TCLP11 metals, polychlorinated biphenyls, gasoline range organics and diesel range organics by ALS Laboratories. Once all analytical results were received, the waste streams were profiled and sent to US Ecology in Robstown, Texas for classification and approval for disposal.

Based on the analytical results for the roll off bins one roll off bin (Bin #942) was classified as hazardous waste due to the TCLP analysis of 12.7 mg/l for lead exceeding the EPA threshold of 5.0 mg/L for characteristic hazardous waste, and two of the roll off bins (Bin # 1168 and 1171) were classified as non-hazardous waste. We believe the lead detected in the soil sample from bin 942 is due to the proximity of well point WP-14 to the known surface impacts of lead in the soil to the south of the location, based on an historical investigation and subsequent clay cap placement reports.

On January 25 and 26, 2016, the three roll off bins were removed from the site under uniform hazardous waste manifests by Chemical Transportation Inc., a licensed waste hauler. The three bins were transported to US Ecology in Robstown, Texas for disposal. Waste profiles and manifest documentation are attached as Appendix B of this report.

This letter report for WP-14 Limited Excavation will also be provided to the NMOCD with the Annual Groundwater Report due on or before April 1, 2016.

If you have any questions or require additional information on our addendum, please contact me at 281-719-3039 or via email at ed\_l\_gunderson@huntsman.com.

Sincerely,

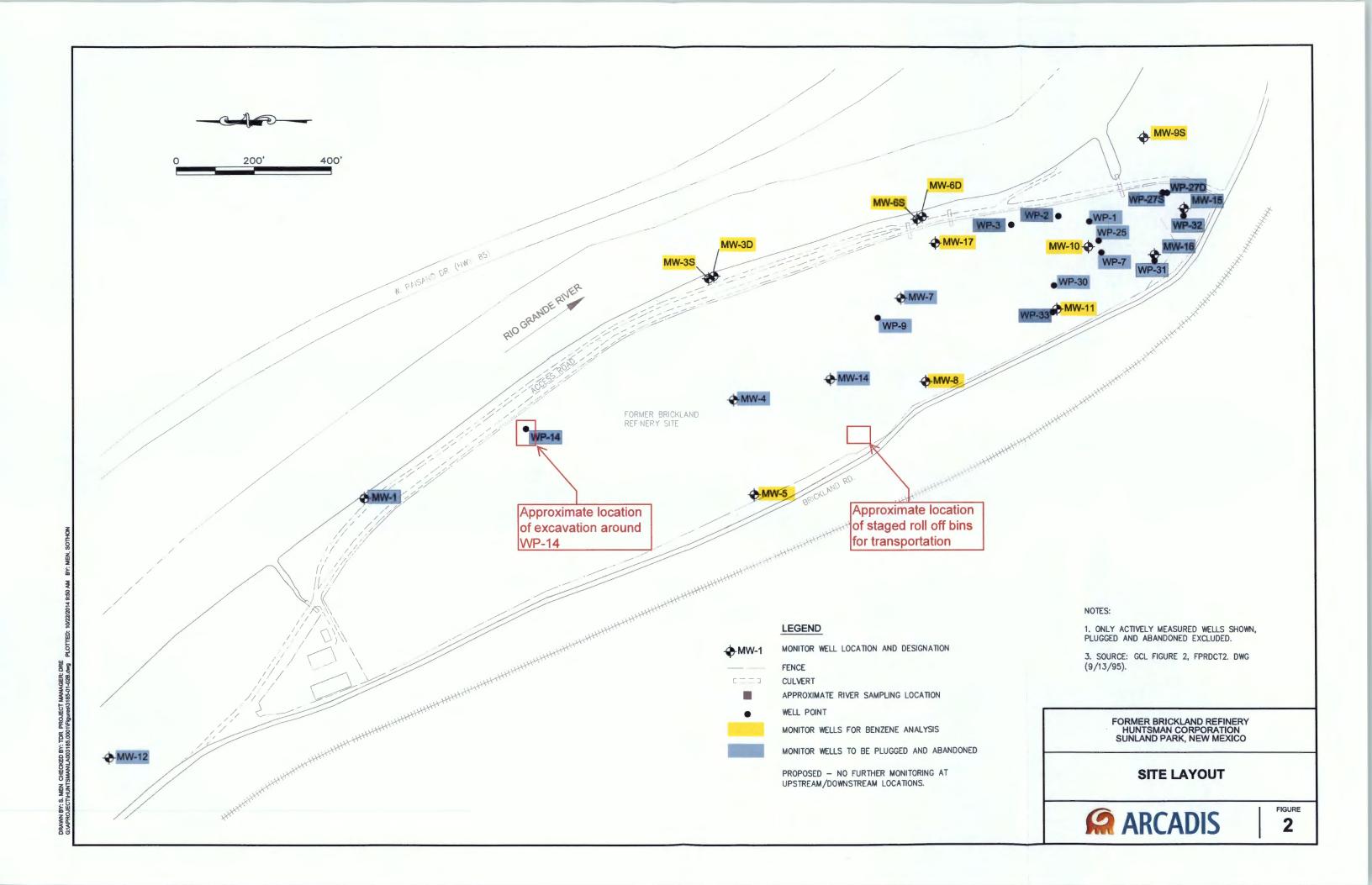
Edward I Gunderson

Edward L. Gunderson Senior Manager, EHS Legal and Regulatory Compliance



Attachment A

Site Map





Attachment B

Waste Profiles and Approval documentation including Analytical Results

and

Uniform Hazardous Waste Manifests



US Ecology Nevada (Beatty) US Ecology Idaho (Grand View) US Ecology Texas (Robstown) US Ecology Michigan (Detroit)

PROFILE #\_

800-239-3943

800-274-1516

800-242-3209

800-396-3265

A. GENERATOR INFORMATION									
1. Generator: HUNTSMAN INTERNATION	ONAL, LLC	Billing information is	same 📝 P.	O. required for payme	nt				
2. Facility Address:		12. Billing Company: A	RCADIS						
3010 OLD MCNUTT ROAD SUNLAND PARK, NM 88063		13. Billing Address: 630	PLAZA DRIVE						
3. Mailing Address: 8600 GOSLING ROA	AD	14. City/State/Zip: HIG	HLANDS RANCH / CO	DLORADO /					
4. City/State/Zip: THE WOODLAND / TE	XAS / 77381	15. Billing Contact: ACCOUNTS PAYABLE - PO# - LA003185.2015							
5. Technical Contact: EDWARD L. GUND	DERSON	16. Phone: 720-344-350	0 <b>17. Fax</b>	c:					
6. Phone: 281-719-3039 7. Fa	ax:	18. Email: ACCOUNTS	PAYABLE.ADMINIST	RATION@ARCADIS.CO	M				
8. Generator Status: CESQG	🗖 SQG 🔽 LQG								
9. EPA ID #: NMR000022293	10. State ID	#: D0035							
11. <u>SIC Codes:</u> 2911									
B. SHIPPING INFORMATION									
1. US DOT Shipping name: Hazardous	Waste Solid, n.o.s. (Lead)								
2. Hazard Class: 9 3.	UN/NA #: NA3077	4. Packaging Grou	1 <b>1</b> :	5. RQ:					
6. Container Type: 🖌 Bulk 🛄 Totes 🛄 Pallet 🔛 Boxes 🛄 Drums 🛄 Other, Describe:									
7. Frequency: 🔲 Year	Quarterly Month	ly 🔽 1 time 🗖	Other, Describe:						
8. Shipment: Size: Tons	Quantity: _1	17	9. Waste Impor (If yes, complete Wo	rt: Yes No aste import Supplement)					
C. GENERAL MATERIAL & REGULATORY INFORMATION									
1. Common name for this waste: Lead	Impacted Soil								
2. Process generating the material: EXCAVATION OF SOILS NEAR A MONITO TO LIMIT FUTURE IMPACTS TO THE SITE					SOIL WAS				
3. Describe physical appearance and odd BROWN SANDY CLAY SOIL WITH INCLU HYDROCARBON ODOR WHEN MATERIA	SIONS OF GRAY CLAYEY	SOILS AND MINOR AMOU	INTS OF BLACK VISC	OUS MATERIAL. STR	ONG				
4. Odor of the waste: None	Slight Strong	5. Physical State:	Liquid S	ludge/Slurry 🗹 So	id				
6. Describe Color: BROWN		7. Liquid phases:	Single D	ouble Layer 🔲 Mu	ılti-layer				
8. Knowledge is from: 🚺 Lab ana	lysis MSDS	Process/generat	or knowledge						
9. Waste Type (US Ecology Texas custom	ers only): 🚺 N/A	🖌 Industrial	Non-la	ndustrial					
10. Is the waste restricted under EPA Land	d Disposal Restrictions (§26	8)? 🔽 Yes	No						
	المتحصيح	tewater Debris (§26			es 🗹 No				
13. Is the waste RCRA hazardous waste co Manufacturing Plant (SIC 2800 thru 28 Operations Supplement Form and Thermal	899) or Coke by-Product Re				es 🗖 No				
14. VO Conc.(§264.1083): 🗹 <500		15. Has waste been tre	eated after point of g	eneration?	es 🔽 No				
16. CERCLA Regulated (Superfund) Waste	: Yes 🗸 No	17. Butadiene waste r	egulated by §63 Subp	art XX: Y	es 🔽 No				
18. Waste contains UHC constituent(s) (§2 characteristic. (If yes, list all UHC's in Sec		standard, other than tho	se for which the wast	e exhibits a 🛛 🗌 Y	es 🏹 No				
19. Waste exempt from definition of "soli		ste" (If yes, list reference	40CFR	); 🔲 Y	es 🔽 No				
20. State Waste Codes: OUT	S301H								
21. RCRA Waste Codes: D008	В								
		1 1	1						

D. MATERIAL COMPOSITION (use additional form if necessary)										
		** *		Rar	nge total ≥ 100	)%				
Constituent	Units	TCLP	Totals	Typical	Min	Max				
Soil	%		$\checkmark$	100						
Lead	mg/L	$\checkmark$		12.7						
2-Butanone	mg/Kg		$\checkmark$	0.019						
Acetone	mg/Kg		$\checkmark$	0.10						
Benzene	mg/Kg		$\mathbf{V}$	0.0054						
Chloroform	mg/Kg		$\checkmark$	0.045						
Ethylbenzene	mg/Kg		$\checkmark$	0.0081						
Isopropylbenzene	mg/Kg		$\checkmark$	0.0047						
Xylenes, Total	mg/Kg		$\checkmark$	0.032						
Methylcyclohexane	mg/Kg		$\checkmark$	0.013						
Toluene	mg/Kg		N	0.021						
E, WASTE CHARACTERISTICS		da te s			in the second	Ale state				
1. Oxidizer Yes Vo 9. Reactive	e sulfidespp	m			Yes	No No				
	e cyanidesppr	n			Yes	No No				
	air reactive				Yes	No No				
	lly unstable				Yes	No No				
	gulated PCB waste (con	trol sheet re	quired with	h shipment)	Yes	No No				
	/infectious waste	~ ~ 1			Yes	No V				
7.     Compressed gas     Yes     No     15.     Radioact       8.     Halogenated organics     Yes     V     No	tive ( <i>If yes, complete Pro</i> j	nie Suppiem	ent for Kad	ioactive wastej	Yes	V No				
16. Possibility of incidental liguids from transportation?	Yes 🔽 N	10								
17. Is waste a solid using the paint filter test? Ves (solid	) 🔲 No (not so	lid)								
				· <b>17</b> 1 · ·		43.5				
	to <u>10                                    </u>		≤	2 🔽 2 <	12.5	12.5				
19. Flash Point:         >212         P <th< th=""> <td></td><td></td><td></td><td></td><td></td><td></td></th<>										
20. Is the waste oll bearing waste from Petroleum Refining, Product	tion or Transportation (	practices?			Yes	✓ No				
F. GENERATOR'S CERTIFICATION										
Yes Z No I certify this material may be disposed to	without further treatm	ent.								
I authorize US Ecology to correct inconsistencies on the waste profile f	form that impact waste	manageme	ent decisio	ons with my ora	l or written					
authorization. US Ecology will require re-submittal of the waste profile										
that does not conform to specifications described in this profile may be to by both parties. I certify, under penalty of law, that I am familiar w										
information provided is true, accurate, representative and complete, t										
completed in accordance with the instructions provided.										
Print Name Signature			Date							
Edward L. Gundorson Edward A	unders- S	enor Mi	gr. A	15 Lagal	1/7/1	5				

US Ecology Texas, Inc. P.O. Box 307 3277 County Road 69 Robstown, TX 78380

Phone: (800) 242 3209 (361) 387-3518 (361) 387 0794 Fax: (361) 387-0577

### US Ecology Texas, Inc. a US Ecology Inc. company

January 14, 2016

GARETT FERGUSON ARCADIS-US 211 N. FLORENCE STREET STE. 202 EL PASO, TX 79901

RE:	Generator	: HUNTSMAN INTERNATIONAL, LLC
	Mailing Address	: 3010 OLD MCNUTT ROAD, SUNLAND PARK, NM 88063
	US Ecology WS #	: 090094510-0
	Waste Stream Name	: LEAD IMPACTED SOIL
	Expiration Date	: 01/11/2017
	Process	: Stabilization

### Dear Garett Ferguson,

Your Waste Stream Disposal Information form for the above waste stream has been approved.

Under conditions of our operating permit, US Ecology Texas, Inc. is required to inform you that we have all the appropriate permits in order to manage your waste stream. We have received the requisite permits to operate a TSD facility. Our TCEQ permit was renewed on March 25, 2013 and our permit number is HW-50052.

The EPA Uniform Hazardous Waste Manifest (EPA Form 8700-22), appropriate LDR form/certification and Truck Inventory Sheet (if shipping in drums) must accompany each shipment. To obtain manifest, Please visit the EPA website for an approved vendor list

Please notify the Texas facility at (800) 242-3209 at least 48 hours prior to shipment and provide the facility with the following information:

- Date of Shipment
- Date of Delivery
- U.S. EPA Generator ID Number
- Waste Stream Number(s)
- Total quantity of each waste stream number being shipped

Any shipment arriving at the facility without prior scheduling and/or all the appropriate paperwork will be subject to rejection.

Should you have any questions, please contact your US Ecology Texas, Inc. Technical Sales Representative at (800) 242-3209. Please refer to the US Ecology Texas, Inc. waste stream number above when making inquiries.

Sincerely,

Uykayla Jehmidgal

MYKAYLA SCHMIDGALL CUSTOMER SERVICE SPECIALIST



US Ecology Nevada (Beatty) US Ecology Idaho (Grand View) US Ecology Texas (Robstown) US Ecology Michigan (Detroit) 800-239-3943 800-274-1516 800-242-3209 800-396-3265

PROFILE #\_\_\_\_

A. GENERATOR INFORMATION								
1. Generator: HUNTSMAN INTERNATIONAL, LLC	Γ	Billing information	is same [	P.O. required for	payment			
2. Facility Address:		12. Billing Company:	ARCADIS					
3010 OLD McNUTT ROAD SUNLAND PARK, NM 88063	ľ	13. Billing Address: 630 PLAZA DRIVE						
3. Mailing Address: 8600 GOSLING ROAD		14. City/State/Zip: H	IGHLANDS RANCH	/ COLORADO /				
4. City/State/Zip: THE WOODLAND / TEXAS / 77381		15. Billing Contact: A	CCOUNTS PAYABI	LE - PO# - LA00318	5.2015			
5. Technical Contact: EDWARD L. GUNDERSON		16. Phone: 720-344-3	500 17	7. Fax:				
6. Phone: 281-719-3039 7. Fax:		18. Email: ACCOUN	SPAYABLE.ADMIN	ISTRATION@ARC/	ADIS.COM			
8. Generator Status: CESQG SQG	🗹 log							
9. EPA ID #: NMR000022293	10. State ID I	#: D0035						
11. SIC Codes:	1							
B. SHIPPING INFORMATION	l.	·····	I		- <u>Lanes</u>			
1. US DOT Shipping name: Non-Hazardous, Non-DO	DT Regulated							
2. Hazard Class: 3. UN/NA #:		4. Packaging Gr	оир:	5. RQ:				
	Pallet							
6. Container Type: 🔽 Bulk 🛄 Totes			rums Other, I					
7. Frequency: Year Quarterly								
8. Shipment: Size: <u>Tons</u>	Quantity: <u>34</u>	4	9. Waste II (If yes, comple	mport: Yes te Waste Import Supp	No No			
C. GENERAL MATERIAL & REGULATORY INFORMATION								
1. Common name for this waste: Lead Impacted So	vil (Non-Hazardo	us)			<b></b>			
2. Process generating the material: EXCAVATION OF SOILS NEAR A MONITORING WELL TO LIMIT FUTURE IMPACTS TO THE SITE. (See ALS E					VAL OF SOIL WAS			
3. Describe physical appearance and odor of the was BROWN SANDY CLAY SOIL WITH INCLUSIONS OF G HYDROCARBON ODOR WHEN MATERIAL IS DISTUR	RAY CLAYEY S	OILS AND MINOR AMO	DUNTS OF BLACK	VISCOUS MATERIA	L. STRONG			
4. Odor of the waste: None Slight	Strong !	5. Physical State:	Liquid	Sludge/Slurry	Solid			
6. Describe Color: BROWN		7. Liquid phases:	Single	Double Layer	Multi-layer			
8. Knowledge is from: 🗸 Lab analysis			ator knowledge					
9. Waste Type (US Ecology Texas customers only):		 Industrial	<b>N</b>	on-Industrial				
10. Is the waste restricted under EPA Land Disposal Re	strictions (§268	3)? 🗌 Yes	No					
11. If LDR "Yes", is waste: Wastewater	Non-wast	ewater 🔲 Debris (§	268.2) 12. Alt. 9	Standards for soil?	Yes 🗸 N			
13. Is the waste RCRA hazardous waste containing ben					Yes 🔽 No			
Manufacturing Plant (SIC 2800 thru 2899) or Coke Operations Supplement Form and Thermal Supplement F	•	overy Plant (SIC 3312)	(if yes, complete Be	nzene waste				
	≥500ppmw	15. Has waste been	treated after point	of generation?	Yes 🔽 No			
16. CERCLA Regulated (Superfund) Waste:	res 🔽 No	17. Butadiene waste	e regulated by §63 S	Subpart XX:	Yes 🗸 N			
18. Waste contains UHC constituent(s) (§268.48), above characteristic. (If yes, list all UHC's in Section D):	/e a treatment s	standard, other than th	nose for which the	waste exhibits a	Yes 🔽 No			
19. Waste exempt from definition of "solid waste" or "	"hazardous was	ste" <i>(If yes, list referen</i>	ce 40CFR	):	Yes 🔽 No			
20. State Waste Codes: OUTS3011				ļ				
21. RCRA Waste Codes:	1			· · · · · · · · · · · · · · · · · · ·	<u> </u>			
	<u> </u>		<b> </b>					
22. Source Code: <u>G19 (</u> 23. F	orm Code:	<u>W301 (</u>	24. Managen	nent Code: H_1	32 (USE only			

D. MATERIAL COMPOSITION (use additional form (f necessary)										
					Rai	nge total ≥ 100	)%			
Constituent		Units	TCLP	Totals	Typical	Min	Max			
Soli		%		$\checkmark$	100					
Lead		mg/L	$\checkmark$			0.00668	0.0558			
2-Butanone		mg/Kg		$\checkmark$		0	0.013			
Acetone		mg/Kg		$\checkmark$		0.0024	0.064			
Benzene	mg/Kg		$\checkmark$		0.0022	0.0024				
Chloroform		mg/Kg		$\checkmark$		0.0033	0.053			
Ethylbenzene		mg/Kg		$\checkmark$		0.0031	0.0051			
Isopropylbenzene		mg/Kg		$\mathbf{\nabla}$		0.0053	0.0077			
Xylenes, Total		mg/Kg		$\checkmark$		0.013	0.018			
Methylcyclohexane		mg/Kg		$\checkmark$		0.013	0.018			
Toluene		mg/Kg		$\checkmark$		0.0026	0.0053			
E. WASTE CHARACTERISTICS	i s tanatis	in the second	$\sim 10^{-1}$		Sec. 1	. Kin Are a	the East			
1. Oxidizer 🗌 Yes 🔽 N			m			Yes	No No			
2. Explosive			n			Yes	V No			
3. Organic peroxide Yes 🗹 N						Yes	V No			
4. Shock sensitive Ves V						Yes	No No			
5. Tires Yes VN		d PCB waste (con	trol sheet re	quired witi	shipment)	Yes	No No			
6. Pyrophoric Yes ZN						Yes	No No			
7.     Compressed gas     Yes     N       8.     Halogenated organics     Yes     N		r yes, compiete Proj	ile Supplem	ent jor kaŭ	ioactive wastej	Yes Yes	V No			
16. Possibility of incidental liquids from transporta		<b>V</b>	lo							
17. Is waste a solid using the paint filter test?	Yes (solid)	No (not so	lid)							
			-		· <b>1</b>	10.5 <b>F</b>	42.5			
18. pH: (if solid, what is pH if mixed with water?)	Range <u>4</u> to <u>10</u>			≤	2 🔽 2 <	12.5 ⊇≥	12.5			
19. Flash Point: <u>&gt;212</u> <sup>©</sup> F	☐ < 140 º F	·····								
20. Is the waste oil bearing waste from Petroleum	Refining, Production or	Transportation p	oractices?			Yes	✓ No			
F. GENERATOR'S CERTIFICATION										
Yes No I certify this material	may be disposed witho	ut further treatm	ent.							
I authorize US Ecology to correct inconsistencies on t	•	•	-		•					
authorization. US Ecology will require re-submittal or that does not conform to specifications described in	•		5			•				
to by both parties. I certify, under penalty of law, th			•		-		-			
information provided is true, accurate, representativ	· ·	known or suspec	ted hazard	s have bee	en disclosed, a	nd that this for	rm was			
completed in accordance with the instructions provided.										
Print Name Si	gnature		itle			Date				
-4 / 0 /				• -	, ,	. / .				
Edupord L. Gunderson Edurard Kunderon Sr Magr. EHS legal 1/7/15										

US Ecology Texas, Inc. P.O. Box 307 3277 County Road 69 Robstown, TX 78380 Phone: (800) 242 3209 (361) 387-3518 Fax: (361) 387 0794 (361) 387-0577

## US Ecology Texas, Inc.

a US Ecology Inc. company

January 14, 2016

GARETT FERGUSON ARCADIS- US 211 N. FLORENCE STREET STE. 202 EL PASO, TX 79901

RE:	Generator	: HUNTSMAN INTERNATIONAL, LLC
	Mailing Address	: 3010 OLD MCNUTT ROAD, SUNLAND PARK, NM 88063
	US Ecology WS #	: 090094506-0
	Waste Stream Name	: LEAD IMPACTED SOIL (NON HAZARDOUS)
	Expiration Date	: 01/11/2017
	Process	: Direct Landfill

### Dear Garett Ferguson,

Your Waste Stream Disposal Information form for the above waste stream has been approved.

Under conditions of our operating permit, US Ecology Texas, Inc. is required to inform you that we have all the appropriate permits in order to manage your waste stream. We have received the requisite permits to operate a TSD facility. Our TCEQ permit was renewed on March 25, 2013 and our permit number is HW-50052.

The EPA Uniform Hazardous Waste Manifest (EPA Form 8700-22), appropriate LDR form/certification and Truck Inventory Sheet (if shipping in drums) must accompany each shipment. To obtain manifest, Please visit the EPA website for an approved vendor list

Please notify the Texas facility at (800) 242-3209 at least 48 hours prior to shipment and provide the facility with the following information:

- Date of Shipment
- Date of Delivery
- U.S. EPA Generator ID Number
- Waste Stream Number(s)
- Total quantity of each waste stream number being shipped

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Should you have any questions, please contact your US Ecology Texas, Inc. Technical Sales Representative at (800) 242-3209. Please refer to the US Ecology Texas, Inc. waste stream number above when making inquiries.

Sincerely,

Uykayla Jehmidgal

MYKAYLA SCHMIDGALL CUSTOMER SERVICE SPECIALIST



WASTE PROFILE FORM

PROFILE #\_\_

BENZENE WASTE OPERATIONS SUPPLEMENT (BWON 40 CFR Part 61 Subpart FF) (Former Attachment 4)

This form must be completed for all hazardous waste containing benzene originating at a Petroleum Refinery (SIC 2911), Chemical Manufacturing Plant (SIC 2800 thru 2899) or Coke by-Product Recovery Plant (SIC 3312).

A. GENERATOR INFO	RMATION	A CARLES			1. 1. at - 2				
Name of Facility where Waste Orig	inated:	HUNTSMAN INTERNATION	AL, LLC	EPA Generator #:	NMR000022	293			
Common Name for this Waste:	Lead Impac	ted Soll							
Process generating the material:	Excavati	on of soils near monitoring we	ill that showed e	vidence of viscous material	inside well.				
Type of Facility:		Refinery (SIC 2911)		by-products recovery 312)	Chemical n (SIC 2800 t	nanufacturing hru <u>2899)</u>			
Facility Total Annual Benzene State	ıs (TAB):	✓ < 1 Megagram (2,204 lb)	s) ⊇≥1 bu	t <10 Megagram	≥10 Megag	gram			
Is the waste being transferred to U	S Ecology for	offsite treatment compliance w	ith 40 CFR Part 61	.342(f)?	Yes	<b>√</b> No*			
By indicating "Yes", notice is provided that the waste referenced in this profile is subject to 40 CFR Part 61 Subpart FF (National Emission Standards for Benzene Waste Operations). All shipments of waste under this profile are being transferred to US Ecology for the destruction or removal of benzene in accordance with 40 CFR Part 61.342 (C)(1)(i).									
B. WASTE CHARACTE	<b>RISTICS</b>								
The flow-weighted annual average benzene content by weight or process turnaround total concentration of this waste is: 0.10 ppmw									
(Benzene concentration data must	be total cond	entration by weight. DO NOT U	SE TCLP CONCENT	(RATIONS.)					
The weighted average water conte	nt is?	✓ ≤10%	>10%						
Is the waste Process Unit Turnarou	nd waste?	Yes	<b>√</b> No						
*Only if you answered "No" for off	site treatmen	t compliance above, please supp	bly the following:						
Range of benzene total concentrat	ion: 0	to <u>0.10</u> pr	mw						
This waste is classified as:	Pr 🗆 Pr	ocess wastewater stream	Proc	luct tank drawdown					
	<b></b> ia	ndfill leachate	🖌 Non	e of the three					
C. CERTIFICATION					17 (S.	Marsa			
I certify under penaity of law that I representative and complete, and	am familiar v	with the waste stream through a	inalysis and/or pro	ocess knowledge, and that all	Information pro	wided is true, accurate,			
Print Name		Signature		Title		Date			
Edward L. Caundo	NSa C	Aurent Hunder	s- 5	EnorMagiEHS L	anal	1/2/15			
						Revised 11/2014			

# 

### US Ecology, Inc. Land Disposal Restriction Form

Generator: HUNTSMAN INTERNATIONAL, LLC	EPA ID Number: NMR000022293	
Waste Stream or Profile Number:	Manifest Doc. No.	Line No.
Waste is a: 🛛 Wastewater (<1% TSS and TOC) 🔽	🗌 Non-wastewater 🔲 Debris	
Notification Frequency: 🗌 One Time 🗹 Requ	ired with Each Shipment	
Shipment EPA Waste Codes (from 40 CFR 268.40)		
UHC's (Underlying Hazardous Constituents 40 CFR 268.48)?	Yes 🖌 No	
If yes, list: Does a subcategory apply per 40 CFR 268.40?	No No	
Does a subcategory apply per 40 CFR 268.40?	✓ No	
Constituents requiring treatment in F001-5, F039, debris, and	alternate soils? Yes 🔽 No	
If yes, list:		
See Profile for analysis (if any).		
A Restricted Waste Meets Treatment Standards (40 CFR 26 The restricted waste identified above meets the treatme CFR268.49 and can be landfill disposed without further tree	ent standards in 40 CFR 268.40 or Alternative LDR treatment st	andards for contaminated soil 40
If applicable, under 268.49, this contaminated soil	does or 🛄 does not contain listed hazardous waste and 🗖 soll treatment standards as provided by 268.49 (c) or the unive	
waste to support this certification that the waste comp	nined and am familiar with the waste through analysis and test plies with the treatment standards specified in 40 CFR Part 2 I am aware that there are significant penalties for submitting a	68 Subpart D. I believe that the
B. Restricted Waste Treated To Treatment Standards (40 CF The treatment residue, or extract of such residue, or the r meet all applicable treatment standards in 40 CFR 268.40	restricted waste identified above has been tested to assure that	the treatment residues or extract
used to support this certification. Based on my inquiry treatment process has been operated and maintained	mined and am familiar with the treatment technology and op of those individuals immediately responsible for obtaining th properly so as to comply with the treatment standards spe are there are significant penalties for submitting a false certific	is information, I believe that the cified in 40 CFR 268.40 without
used to support this certification and believe that it has b	0 CFR 268.7 (b) (4)) mined and am familiar with the treatment technology and op- een maintained and operated properly so as to comply with tre- sited wastes. I am aware that there are significant penalties fo	eatment standards specified in 40
characteristic. This decharacterized waste contains Under	nt For UHC (40 CFR 268.7 (b) (4) (iv)) eated in accordance with the requirements of 40 CFR 268.40 or rlying Hazardous Constituents that require further treatment to a faise certification, including the possibility of a fine and impri	o meet treatment standards. I am
E. Restricted Waste Subject To Treatment (40 CFR 268.7(a) ( The restricted waste identified above must be treated t prohibitions set forth in Part 268.32 or RCRA Section 3004	to the applicable treatment standards in 40 CFR 268.40, or tr	eated to comply with applicable
	does or 🔲 does not contain listed hazardous waste and 🚺 Il treatment standards as provided by 268.49 (c) or the univers	
F. Hazardous Debris Subject To Treatment (40 CFR 268.45) This hazardous debris identified above must be treated to	the alternative treatment standards in 40 CFR 268.45.	
I certify and warrant that the information that appears on this my waste is to be managed in accordance with 40 CFR 268. N based on my inquiries of those individuals responsible for obta	ly certification is based on personal examination of the	-
en la la la		

Authorized Signature: Edward L. Junderson	Title: <u>Senior Marager</u> , EttSlegal	Date:
---	--	-------

Date: 1/7/15

UHC and Subcategory list from 40 CFR Part 268.48 and 268.40 available upon request.

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)							Form	Approved, OM	B No. 20	50-0039					
f		FORM MAZARDOUS	1. Generator ID Nu	mber		2. Page 1 of	3. Emergency	-	Phone	4. Manifest	4. Manifest Tracking Number				
		ASTE MANIFEST	1, 4 - 5, 4						1:6 d:60		014813782 JJK				
	5.00	enerator's Name and Mailin	-				Generator's Site Address (if different than mailing address)								
	Gene	erator's Phone:					No an	· .							
	6. Tra	ansporter 1 Company Nam	e							U.S. EPA ID	Number				
	7 7.	ansporter 2 Company Nam			di serit		· . ) ·		· · · · · ·	U.S. EPA ID	Number				
	1. 116	ansporter 2 company Name	5							1	NUMBER .				
	8. De	signated Facility Name and	d Site Address							U.S. EPA ID	Number				
	Facili	ty's Phone:								1					
	9a.	9b. U.S. DOT Descriptio	n (including Proper	Shipping Name, Haza	ard Class, ID Number,			10. Contai	ners	11. Total	12. Unit				
	HM	and Packing Group (if a						No.	Туре	Quantity	Wt./Vol.	13. Wast	e Codes		
Ĕ		1.													
1															
GENERATOR	⊢	2.									++				
ទី															
											+				
		3.													
		4.									++				
	14 5	pecial Handling Instruction	and Additional info	rmation									······		
		GENERATOR'S/OFFERO marked and labeled/placar													
		Exporter, I certify that the c I certify that the waste mini							all quantity gen	erator) is true.					
	Gene	rator's/Offeror's Printed/Tyr	ed Name			Sigr	nature					Month	Day	Year	
ł		ternational Shipments	served 12	Howkman	1 Marshan	inc	40	1903	Jano and the second	~~	a characteristic and the	01	25	16	
INTL	16. In			U.S.		Export from U									
R		sporter signature (for expor ansporter Acknowledgment		als				Date leavi	ng U.S.:						
RH		porter 1 Printed/Typed Nan				Sigr	nature					Month	Day	Year	
SPC	Ļ		· .	· · · · · · · · · · · · · · · · · · ·										1.50	
TRANSPORTER	Irans	porter 2 Printed/Typed Nar	ne			Sigr	nature					Month	Day	Year I	
<u>⊢</u> ↑	18. Di	iscrepancy												L	
	18a. (	Discrepancy Indication Spa	ce 🗌 Quan	titv	Туре		Re	idue		Partial Re	Piection		ull Reject	lion	
											,				
7	18b 4	Alternate Facility (or Generation	ator)				Manifest	Reference	e Number:	U.S. EPA ID	Number				
Ĩ		and a comp for ourien	,							0.0. EI AID					
FAC	Facility's Phone:														
DESIGNATED FACILITY	18c. 5	Signature of Alternate Facili	ity (or Generator)									Month	Day	Year	
BNA											·				
ESI	19. H	azardous Waste Report Ma	inagement Method	Codes (i.e., codes for 2.	hazardous waste treat	tment, disposal	, and recycling	systems)		4.					
<u>م</u>				-		3.				τ.					
	20. D	esignated Facility Owner o	r Operator: Certifica	tion of receipt of haza	rdous materials covere	ed by the manif	est except as n	ded in Iter	n 18a			-			
	Printe	ed/Typed Name		· · · · · · · · · · · · · · · · · · ·		Sig	nature					Month	Day	Year	
H														L	

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB								No. 20	50-0039					
Î	UNI		1. Generator ID Nu			2. Page 1 of	3. Erner	gency Response	Phone	4. Manifest Tracking Number				
	5. Ge	enerator's Name and Mailin	g Address			·····	Generato	or's Site Address	(if different th	an mailing addre	ess)			
		erator's Phone:						1 1 N					•	
		ansporter 1 Company Nam								U.S. EPA ID	Number			
		44-1 Jan 133	Store Store	6. 4.00 . 1.	hused in	wr E	1 cm	2. 1 V	77926	TXE		377		
	7. Tra	ansporter 2 Company Name	e					· · · · · · · · · · · · · · · · · · ·		U.S. EPA ID	Number			
	8. De	esignated Facility Name and	d Site Address							U.S. EPA ID	Number			
	1													
	Facili	ity's Phone:							·.					
	9a.			Shipping Name, Hazard C	Class, ID Number,			10. Contair	ners	11. Total	12. Unit	13, Waste	Codes	
	HM	and Packing Group (if a	ny))					No.	Туре	Quantity	Wt./Vol.	10, 11050		
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GENERATOR		2.												
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		3.												
		4.												
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	14. 5	Special Handling Instruction												
	ŀ		5 g* 1											
	15.	GENERATOR'S/OFFERO	R'S CERTIFICATIO	N: I hereby declare that N	he contents of this (	ronsignment	are fuily a	nd accurately des	cribed above	by the proper s	hinning name	and are classified	nackan	ed be
		marked and labeled/placar	ded, and are in all r	espects in proper condition	n for transport acco	rding to appli	cable inter	mational and natio						
		Exporter, I certify that the c I certify that the waste mini	contents of this cons	signment conform to the ter identified in 40 CER 262.2	rms of the attached	EPA Acknow	riedgment	of Consent. (b) (if I am a sma	ll quantity der	nerator) in true				
		erator's/Offeror's Printed/Ty					nature	(e) (in ann a sina	in quantity get	ierator) is true.		Month	Day	Year
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E	16. In	nternational Shipments				·····	Carlor Carlo					1. se /	(m. 1)	10
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NS I	Trans	sporter 2 Printed/Typed Nar	ne	··· À		Sig	nature					Month	Day	Year
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T+	18. D	liscrepancy												
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							Ма	anifest Reference	Number:					
È	18b. /	Alternate Facility (or Generi	ator)							U.S. EPA ID	Number		_	
5														
Å		ty's Phone:												
	18c. 5	Signature of Alternate Facili	ity (or Generator)									Month	Day	Year
X	L													
DESIGNATED FACILITY	19. H	azardous Waste Report Ma	anagement Method	Codes (i.e., codes for haza	ardous waste treatn	nent, disposa	il, and recy	ycling systems)						
B	1.			2.		3.		. Hereiten		4.				
$ _{1}$														
	·	esignated Facility Owner o	r Operator: Certifica	ition of receipt of hazardou	s materials covered	l by the man	fest excep	ot as noted in Item	18a					
	Printe	ed/Typed Name				Sig	nature					Month	Day	Year
H														

Plea	ase print or type. (Form desid	gned for use on elite (12-pitch) typewriter.)					Form	n Approved. ON	AB No. 20	50-0039		
<b>†</b>	UNIFORM HAZARDOUS	1. Generator ID Number	2. Page 1 o	of 3. Emergency F	esponse Phone		lanifest Tracking N					
	WASTE MANIFEST	H. C. Arten Market	i		ist in		01481	3110	JJ	<u>K</u>		
	5. Generator's Name and Maili	•		Generator's Site			•					
	urrate, etcerege			1911 - 1914 1								
	ان المراجع ا مراجع المراجع ا			an an Ariet. Failte an ta								
	Generator's Phone; 6. Transporter 1 Company Nan	no				115	EPA ID Number					
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	7. Transporter 2 Company Nan	refeling Trees Aur is to	word fill of the	1 2 24 5/24 - 2 - 2	2116	6 1/2 US	入 <i>代会の公の</i> EPA ID Number	23/12				
	The menoporter is company real					1						
	8 Designated Facility Name an	nd Site Address				U.S.	U.S. EPA ID Number					
	and the second second	3										
	23 million and a						2 + ·	apat ta la g				
	Facility's Phone					1						
		tion (including Proper Shipping Name, Hazard Clas	ss, ID Number,	10	. Containers	11.1	otal 12. Unit					
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	14. Special Handling Instructio	ns and Additional Information					I					
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		242.										
	13/201 -	martine to the same										
		OR'S CERTIFICATION: I hereby declare that the										
		arded, and are in all respects in proper condition for contents of this consignment conform to the term				overnmental reg	julations, it export sr	ipment and i am	ine Primary	1		
	I certify that the waste min	nimization statement identified in 40 CFR 262.27(	a) (if I am a large quantity ge	enerator) or (b) (if I		tity generator)	is true.					
	Generator's/Offeror's Printed/T	yped Name		lignature	محمد الإيار			Month	Day	Year		
Į.	2 AL Alter Prop	1 for Mustan & Jakanak	· Libber	مربع المربع	12-11-	2		01	do	16		
INT'L	16. International Shipments	Import to U.S.	Export from	n U.S. I	ort of entry/exit	·						
=	Transporter signature (for expo	orts only).			ate leaving U.S							
TRANSPORTER	17. Transporter Acknowledgme Transporter 1 Printed/Typed Na			ignature				Month	Day	Year		
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NSI N	Transporter 2 Printed/Typed Na		s	lignature				Month	Day	/(co Year		
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F	18. Discrepancy		L									
I	18a. Discrepancy Indication Sp	pace										
	and a sparing manufactor	Quantity	Туре	Resi	lue	ШР	artial Rejection		Full Reject	ion		
				Manifest F	eference Numb	er:						
≧	18b. Alternate Facility (or Gene	erator)					EPA ID Number					
5												
DESIGNATED FACILITY	Facility's Phone:											
	18c. Signature of Alternate Fac	cility (or Generator)			(1996			Month	Day	Year		
M												
S	19. Hazardous Waste Report N	Aanagement Method Codes (i.e., codes for hazard	dous waste treatment, dispo	sal, and recycling s	vsterns)							
B	1.	2.	3.				4.					
1				ukalur								
		or Operator: Certification of receipt of hazardous	A DESCRIPTION OF THE OWNER OWNER		ed in Item 18a							
$\ $	Printed/Typed Name		s	Signature				Month	Day	Year		
H												



Attachment C

Photographic Documentation



### Enriching lives through innovation

### PHOTOGRAPHIC LOG Former Huntsman Refinery - WP 14 Limited Excavation

 Photo No.
 Date:

 11-11-2015

 Direction Photo Taken:

 Close up

 Description:

 "Tar" material encountered approximately 1.5 feet deep below ground surface.

 Appears to be a seam of "tar" material.



# HUNTSMAN

Enriching lives through innovation

### PHOTOGRAPHIC LOG Former Huntsman Refinery - WP 14 Limited Excavation

Photo No. 2	Date: 11-11-2015
Direction Pho	oto Taken:
Close up	
Description:	
Close up of "tar "tar" material w and placed into	vas removed





Enriching lives through innovation

### PHOTOGRAPHIC LOG Former Huntsman Refinery - WP 14 Limited Excavation

 Photo No.
 Date:

 3
 11-11-15

 Direction Photo Taken:

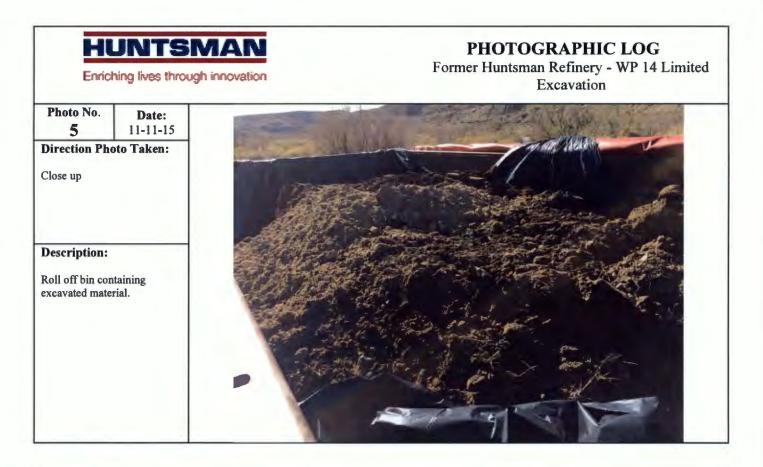
 Northeast

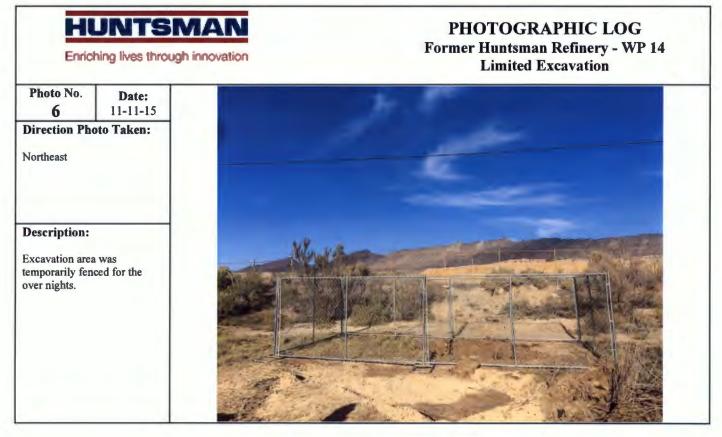
Description:

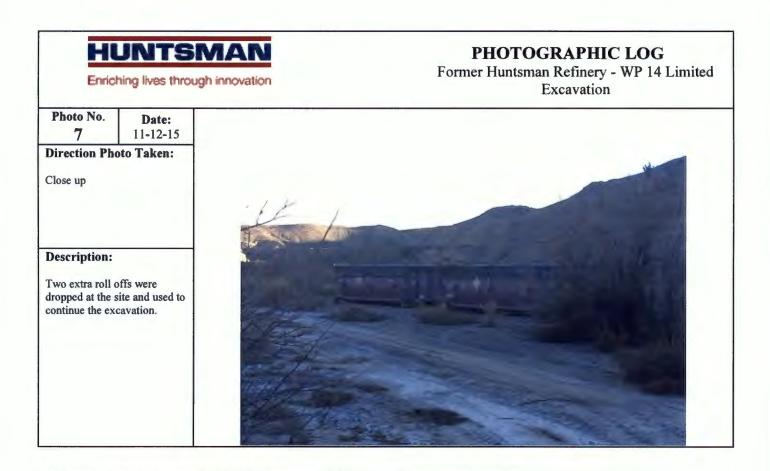
 Excavating to remove all "tar" material near/at WP-14 well was located.

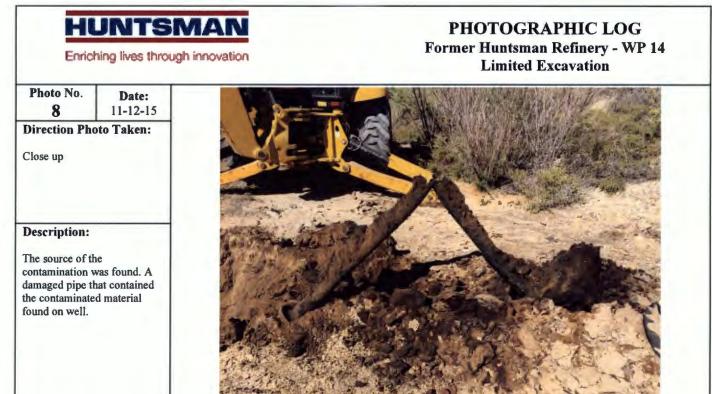


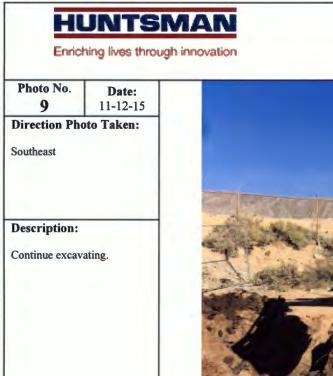
# Enclosing lives through innovation PHOTOGRAPHIC LOG Finite lives through innovation Former Huntsman Refinery - WP 14 Photo No. Date: 11-11-15 11-11-15 Direction Photo Taken: Close up Description: Decontamination station.













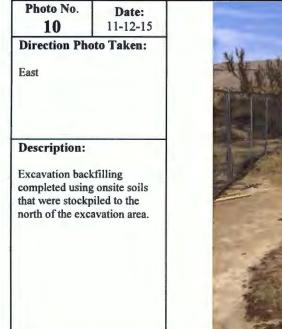
# HUNTSMAN

Enriching lives through innovation

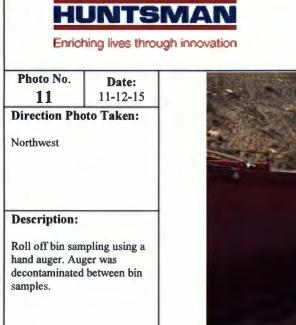
PHOTOGRAPHIC LOG Former Huntsman Refinery - WP 14 Limited Excavation

PHOTOGRAPHIC LOG Former Huntsman Refinery - WP 14 Limited

Excavation











### PHOTOGRAPHIC LOG Former Huntsman Refinery - WP 14 Limited Excavation

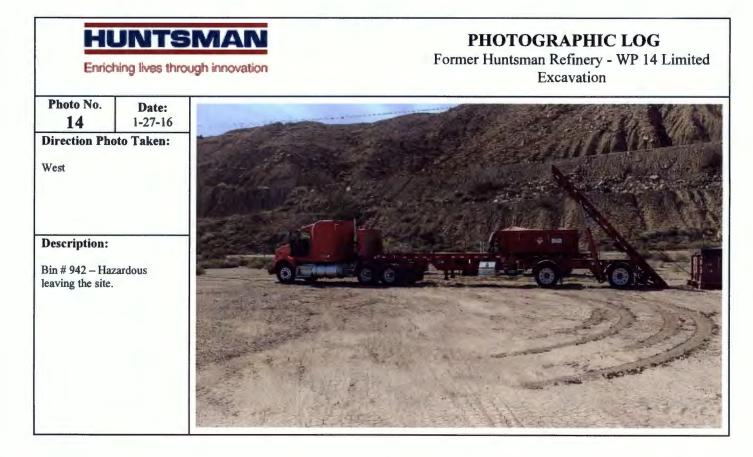
PHOTOGRAPHIC LOG Former Huntsman Refinery - WP 14 Limited

Excavation

Photo No. 12	<b>Date:</b> 11-12-15
<b>Direction</b> Pho	to Taken:
Northwest	
Description:	
Sampling roll of	ff bins.



HUNTSMAN Enriching lives through innovation			PHOTOGRAPHIC LOG Former Huntsman Refinery - WP 14 Limited Excavation
Photo No. 13	Date: 1-26-16		
<b>Direction Pho</b>	oto Taken:		
West			
Description:			
Bin # 1171 – no leaving the site.		00-20	



HUNTSMAN Enriching lives through innovation		PHOTOGRAPHIC LOG Former Huntsman Refinery - WP 14 Limit Excavation	
Photo No. 15	Date: 1-27-16		
Direction Photo Taken: West		TAINS AND	
<b>Description:</b> Bin # 1168 – no leaving the site.			



Attachment D

**Utility Clearance Information** 



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Utilities and Structures Checklist

THIS FORM MUST BE COMPLET	ED IN ENTIRETY PRIOR T	O BEGINNING ANY INT	RUSIVE WORK
Project: Hunt	man Brickland	REFINORY	
	3185.2015	/ Drm Expiration Date: _//	V-25- Dez 1,2015
		5 business days post form c	ompletion date)
Pre-Field Work Required: One Call or "811" notified Ticket Expiration Date <u>パッッッ</u> Utility companies notified during the O	48-72 hours in advance of v イーンング (Revie	2 .	DIS 450364
List any other utilities requiring notifica	tion: XNone		1 - 2 <sup>1</sup> - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -
Private Locator Contacted Yes Plan private utility clearance subcontractor needed, types of utilities. When possible re		utility locations.	of clearance
Client provided utility maps or "as built	" drawings showing utilities	? XYes	🗌 No
Field Work - This must be completed in identifying utilities. Rev	on site, by staff who have a view Check list with PM or c		
List Soil Boring / Well IDs or E			1
area immediatly	around prover	LP-14 location	which
hus been Id by	rebar placed in	to plug + abandon	ed lorahan
3 Reliable Lines of Evidence Requi ∑ One Call/"811" (Reliable as a line Utility Markings Present: ☐ Paint	red Prior to Starting any Su of evidence when working	bsurface Intrusive Work	
Client Provided Maps/Drawings		aps/Drawings requested	out not provided
	Affiliation(s)	(1.000 (a) 1/ -	·
X Interview(s): Name(s)	Affiliation(s) <u>ED 6</u>	UNDERSON - Huntsma	N IMPL, ULC
Did person(s) interviewed indicate			
Yes, depths provided: Additional Comments:		id not know or refused to	answer
<ul> <li>Site Inspection (Complete Page 2</li> <li>Public Records / Maps / Asbuilits</li> <li>Private Locator: (Name and Com</li> <li>Ground Penetrating Radar (GPR)</li> </ul>		ed Utilities & Utility Stru	ictures)
Radiofrequency (RFLoc)	Tips for Successful Utili 1. Don't forget to look up	ty Location:	
Electromagnetic (EM) Metal Detector	2. Be on site with Private	Utility Locators	
Soft Dig Methods		"confirm" other's markings locations during clearance p	100855
Termination Depthft. bgs	5. Mark out all known utilit	ies. Leave nothing to question	n
Air-Knife Hydro-Knife		kaxes - no digging bars - no s	
		r downward force of hand aug rectly under asphalt/concrete	
Hand Auguring	]		
Other:			

Marine Locator: (Name and Company)

R 6 С К



### Utilities and Structures Checklist

During the site inspection look for the following: ("YES" requires additional investigation and the utility must be marked properly prior to beginning subsurface intrusive work):

Site	Inspection	Utility Color Codes	Pres	sent/
a)	Natural gas line present (evidence of a gas meter)?	Yellow	Yes	No
	i) Feeder Lines to buildings or homes?		Yes	<b>MNO</b>
b)	Evidence of electric lines:	Red		/
-	i) Conduits to ground from electric meter or along wall?		Yes	No
	iii) Conduits from power poles running into ground?		Yes	MO
	ii) Light poles, electric devices with no overhead lines?		🗌 Yes	No
	iii) Overhead electric lines present? (See Section I)		Yes	No
c)	Evidence of sewer drains:	NO COMPANY		
-,	i) Restrooms or kitchen on site?	English Transfords Charles A. A.	Yes	No
	ii) Sewer cleanouts present?		Yes	MNO
	iii) Combined sewer /storm lines or multiple sewer lines?		Yes	No
d)	Evidence of water lines:	Blue		
ч,	i) Water meter on site or multiple water lines?	Dide	Yes	No
	ii) Fire hydrants in vicinity of work?		Yes	No
	· · ·	trole in building)	Yes	No
2)	<li>iii) Irrigation systems? (Sprinkler heads, valve boxes, cont Evidence of storm drains:</li>	A COMPANY OF THE DESCRIPTION OF THE ADDRESS OF THE		
e)		Green	<b>N</b> an	17 Nor
	i) Open curbside or slotted grate storm drains		Yes	No
•	ii) Gutter down spouts going into ground		Yes	No
f)	Evidence of telecommunication lines:	<b>U</b> ERE A		The second second
	i) Fiber optic warning signs in areas?	•	Yes	M No
	iv) Aboveground cable boxes or housings or wires in work	area?	Yes	<b>M</b> No
g)	Underground storage tanks:		<b>_</b>	
	i) Tank pit present, tank vent present?		U Yes	∐ No
	ii) Product lines running to dispensers/buildings?		Yes	No
h)	Do utilities enter or exit existing structures/buildings?			$\dot{a}$
	If Yes, confirm the utility markings outside of structure/		U Yes	No
i)	Proposed excavation marked in white?	White	MYes	No
j)	Unclassed utilities / anomalies marked in pink?	Pink	Yes	<b>MNO</b>
k)	Overhead Utilities/Communication Lines - Look Up:		_	
	i) Overhead electrical conduit, pipe chases, cable trays, (	product lines?	L Yes	No
	ii) Overhead fire sprinkler system?	. 0 .	Yes	MNO
1)	Overhead Power lines in or near the work area:	lines ontroal - in Voltase muter than 15 for excavation		
	i) < 50 kV within 10 ft. of work area?	1/stage	Yes	No
	ii) >50 - 200 kV within 15 ft. of work area?	15	Yes	No No
	iii) >200-350 kV within 20 ft. of work area?	renter than "	🗌 Yes	🗌 No
	iv) >350-500 kV within 25 ft. of work area?	in the	🗌 Yes	🗌 No
	v) >500-750 kV within 35 ft. or work area? $f_{ab} \neq f_{b}$	on excanni	🗌 Yes	No
	vi) >750-1000 kV within 45 ft. of work area?	<b>к</b> .	🗌 Yes	No No
m)	Other:			/
	i) Evidence of linear asphalt or concrete repair?		Yes	No
	ii) Evidence of linear ground subsidence or change in veg	etation?	Yes	No
	iii) Unmarked manholes or valve covers in work area?		Yes	No
	iv) Warning signs ("Call Before you Dig", etc.) on or adjace	ent to site?	Yes	No
	v) Utility color markings not illustrated in this checklist?	i.e. Purple	Yes	MNO
	•			
n)	Has the Utilities & Structures Checklist been reviewed by the	he PM or Designee	🗴 Yes	No
	PM or Designee Name: 6. Ferrusco			
Nan	ne and Signature of person completing the checklist:	ett Fernico -	Ctt n.	1-
Dat				1
	not perform mechanized intrusive work within 30 inches of	a utility marking without	ut receiving r	pre-
	roval by Corporate H&S			



 From:
 eticket@nm811.org

 To:
 Ferguson, Garett

 Subject:
 DO NOT REPLY: Request 2015450364

 Date:
 Monday, November 2, 2015 2:11:52 PM

New Mexico One Call Locate Request Confirmation Header Code: STANDARD LOCATE Request Type: Ticket No: 2015450364 Seq. No: 0 Update of: Original Call Date: 11/02/2015 Time: 02:05:04 PM OP: 240 Transmit Date: 11/02/2015 Time: 02:11:39 PM Work to Begin Date: 11/04/2015 Time: 02:05:00 PM

 Company:
 ARCADIS

 Contact Name:
 GARETT FERGUSON
 Contact Phone: (915)433-1761

 Alternate Contact:
 Alternate Phone:

 Best Time to Call:
 Fax No:

 Cell Phone:
 (915)433-1761

 Pager No:
 Email: garett.ferguson@arcadis.com

State: NM County: DONA ANA City: SUNLAND PARK Address: , BRICKLAND RD To Address: Nearest Intersecting Street: MCNUTT RD (NM-273) 2nd Intersecting Street: Subdivision: Latitude: 31.79605300 Longitude: -106.53542700 Zip Code: Grid: Township: 29S Range: 04E Section 1/4: 09 SW

Location of Work: FROM ANAPRA RD AND BRICKLAND ROAD TRAVEL SOUTH ON BRICKLAND TO ENTRY GATE APPROXIMATELY 0.5MI, FROM ANAPRA RD TO RIGHT FORK IN RD. DIG SITE IS LOCATED WITHIN FENCE ALONG EAST FENCELINE. 100' X 100' AREA. SPOT AREAS MARKED IN WHITE.

Remarks: PLEASE CALL GARETT FERGUSON AT 915-433-1761 FOR ACCESS AND DIRECTION TO EXCAVATION LOCATION AS FENCE IS LOCKED - HAZARDS - POSS. SNAKES/BEES Type of Work: SOIL REMEDIATION Private Property: Y Street: Overhead Lines: Blasting: Easement: Mechanical Boring: Premarked: Y Work Being Done For: CLIENT The following utility owners have been notified: NML3 EP24 ELEL ATT1 QEST COSP TWCAB

### IMPORTANT CONFIRMATION NOTICE

Your fax request has been received and processed. It is your

responsibility to review the information provided on this faxback confirmation ticket and ensure it has been correctly interpreted from your request. Notify us immediately of any corrections or errors. Acceptance of this faxback confirmation ticket means you accept responsibility for the accuracy of the information contained in the ticket and you agree to indemnify New Mexico One Call Systems, Inc. of all liability, claims, fees, or damages, including reasonable attorney fees arising from or resulting from the use of the information provided on this confirmation ticket.

New Mexico Law requires you to wait two working days from the date and time of this confirmation notice before you begin excavation. This request is valid for ten working days. Only the facility owners listed on this ticket will be notified.

You can check the Locate Status of this ticket and request other tickets by visiting the our website at www.nmonecall.org.

2015450364

Suspended

	Caller			
Contractor code: 61406	Caller name: GARETT Alternate contact:		Title: PROJECT GEOLOGIST Phone #:	
Communication	Contractor			
Phone #: (915) 433-1761	Company name: ARCADIS	5		
Fax #:	Address: 401	Sui	Suite: 400	
Cell phone #:	Street: EAST MA	Street: EAST MAIN		
۳. Pager:	Street type: ST	Directio	on:	
Email: garett.ferguson@arcadis.com	City: EL PASO			
Best time to	State: TX	Zip coo	Zip code: 79901	
call back:		Туן	pe: CONTRACTOR	
Ticket # City or Address	Street/Well/Location Name	Intersection 1	Intersection 2	
	Notifications			

ANAPRA RD

BRICKLAND RD

MCNUTT RD (NM-273)

PARK ,DONA

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