

Carryl MacLeod Project Manager Marketing Business Unit

RECEIVED

Chevron Environmental Management Company 6101 Bollinger Canyon Road San Ramon, CA 94583 Tel (925) 790-6506 cmacleod@chevron.com

By Alameda County Environmental Health at 1:47 pm, Sep 29, 2014

September 24, 2014

Mr. Mark Detterman Alameda County Health Care Services 1131 Harbor Bay Parkway, Suite 250 Alameda, CA 94502-6577

Re: Former Union Oil Company of California Service Station (CEMC 371572) 3645 San Pablo Avenue Emeryville, California

I have reviewed and agree with the data presented in the attached *Waste Disposal Documentation* report. The information in this report is accurate to the best of my knowledge and all local Agency/Regional Board guidelines have been followed. This report was prepared by Conestoga-Rovers & Associates, upon whose assistance and advice I have relied.

This letter is submitted pursuant to the requirements of California Water Code Section 13267(b)(1) and the regulating implementation entitled Appendix A pertaining thereto. I declare under penalty of perjury that the foregoing is true and correct to the best of my knowledge.

Sincerely,

amy Macheod

Carryl MacLeod Project Manager

Attachment: Waste Disposal Documentation



10969 Trade Center Drive, Suite 107 Rancho Cordova, California 95670 Telephone: (916) 889-8900 Fax: (916) 889-8999 www.CRAworld.com

September 24, 2014

Reference No. 062056

Mr. Mark Detterman Alameda County Environmental Health Services (ACEHS) 1131 Harbor Bay Parkway, Suite 250 Alameda, California 94502

Re: Waste Disposal Documentation Former Union Oil Company of California Service Station (CEMC 371572) 3645 San Pablo Road Emeryville, California ACEH Case RO0003068

Dear Mr. Detterman:

Persuant to ACEHS e-mail correspondence dated September 8, 2014, Conestoga-Rovers and Associates (CRA) is submitting the attached waste disposal documentation for waste generated during site assessment activities performed at the site referenced above between January 28 through January 30, 2014, on behalf of Chevron Environmental Management Company (Chevron).

Please contact Mr. Brian Silva of CRA at 916-889-8908 or Ms. Carryl MacLeod of Chevron with any questions or concerns you may have.

Sincerely,

CONESTOGA-ROVERS & ASSOCIATES

Brian Silva

BS/mws/3 Encl.

Greg Barclay, PG 6260



cc: Ms. Carryl MacLeod, Chevron (electronic copy)

Equal	
Employment Opportunity	r
Employer	



10969 Trade Center Drive, Suite 107 Rancho Cordova, California 95670 Telephone: (916) 889-8900 Fax: (916) 889-8999 www.CRAworld.com

062056

February 14, 2014

MBU

CRA

PROJECT SUMMARY

REF. NO:

DATE:

EMC BUSINESS UNIT:

SUPPLIER COMPANY

To: NAWTDesk

CHEVRON PM: Carryl MacLeod

FROM: Catharina Beckwith

SUPPLIER PM: Brian Silva

RE: Former Unocal 371572–WR1631-062056 - Disposal of Hazardous Waste

This summary is for Waste Pick-up, Transportation, and Disposal of *3 drums of soil contaminated with lead, Non-RCRA hazardous and 2 drums of corrosive liquid, RCRA hazardous* generated from well destruction activities for Waste Request 1631.

GENERATO	DR/SITE INFOR	MATION						
Facility ID:	371572					Facility Name:	Former Unocal 37157	2
Location:	3645 Sa	n Pablo	Ave,	Emeryville,	CA			
	94608							
WASTEST	REAM INFORM	ATION						
Profile:	<u>506903</u>					<u>Non RCRA hazar</u> with lead)	rdous waste solid (soil c	<u>ontaminated</u>
Profile:	<u>506917</u>					<u>UN3266, Corros</u> <u>Hazardous</u>	ive liquid, basic, inorga	nic, RCRA
SHIPPING	INFORMATION	I						
Transporte	er:	Belshir	e Envii	ronmental Se	ervice	es, Inc.		
DISPOSAL	FACILITY INFO	RMATIO	N					
Manifest N	lo.:	00958	0668JJ	к			Ship Date:	1/28/14
Facility:		Veolia	Azusa				Received Date:	2/6/14
Location:		1704 V	Vest Fi	rst Street				
		Azusa,	CA 91	702				
Manifest N	lo.:	00958	0669JJ	K			Ship Date:	1/29/14
Facility:		Veolia	Azusa				Received Date:	2/6/14
Location:		1704 V	Vest Fi	rst Street				
		Azusa,	CA 91	702				
Manifest N	lo.:	00958	0670JJ	к			Ship Date:	1/30/14

CRA PROJECT SUMMARY

Facility:	Veolia-Azusa		Received Date:	2/6/14
Location:	1704 West First S	Street		
	Azusa, CA 91702			
ATTACHMENTS				
Final Manifest(s)/	Bill of Lading		DTSC Stamped Manifest	~
Generator Manife	est(s)/Bill of Lading	•	LDR (if applicable)	v
Profile Approval (if available)		Signed Profile	v
Analytical		•	Certificate of Destruction (COD)	
Other:				

1400 AVA 180	19 - 19 - 19 - 19 - 19 - 19 - 19 - 19 -	•0				371	572	-
Itease print or type. (Form designed for use on elite (12-pitch) typewriter.) Image: Number waste manifest Image: Number waste manifest Image: Number waste manifest	2. Page 1 of 3. Er	nergency Response		4. Manifest 1		mber	OMB No. 2	
5. Generator's Name and Mailing Address Former Unocal 371572 PO Box 6004 - Chevron EMC Waste Desk		ator's Site Address	(if different th		5)	and the	14	
San Ramon, CA 94583 Generator's Phone: 977 386-6044 6. Transporter 1 Company Name Balshire				U.S. EPA ID N	umber	11	3 9 9	1 3
7. Transporter 2 Company Name BELSH RE 8. Designated Facility Name and Site Address	1			U.S. EPAID N U.S. EPAID N U.S. EPAID N	000	1830	13	
Veolia Environmental Services - Azusa, 1704 West 1st Street Azusa, CA 91702 Facilitys Phone: C2C 221 5317	California					15.		
9a. 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID No. HM and Packing Group (if any))	lumber,	10. Contai No.	ners Type	11. Total Quantity	12. Unit Wt./Vol.	13.	Waste Codes	
Non-RCRA Hazardous Waste Solid (soil with lead) 2 MUN3266, Waste Corrosive Liquid, F	l contaminate	d 001	DM	200	P	611		
X 2 MUN3266, Waste Corrosive Liquid, E Inorganic, n.o.s., (Concrete rinsat PGIII. () 002	Basic, te mix), 8,	001	DM	15	9	122	D002	
4.			1. 1.					
	RESENT R 1631	H.			and a set		11490 ,78	roo's
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the content marked and labeled/placarded, and are in all respects in proper condition for trans Exporter, I certify that the contents of this consignment conform to the terms of the I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I a	sport according to applicable attached EPA Acknowledge	international and na nent of Consent.	tional governi	mental regulations				
BMAR Sander as gent CEML	Signatur	fl a	s ager for		L		nth Day	
Transporter signature (for exports only):	Export from U.S.		ntry/exit: /ing U.S.:					
17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name STEVEN E. MENDOZA Transporter 2 Printed/Typed Name Concernment	Signatur Signatur Signatur	to S. P	Mars	koz.		6	nth Day 7132 nth Day	and the local division of the local division
		fer	$ \ge $	-		b	2 06	14
18a Discrepancy Indication Space Quantity	lype	Residue		Partial Re	jection		🗌 Full Rej	ection
18b. Alternate Facility (or Generalor)	4 5	Manifest Referen	ce Number:	U.S. EPA ID	Number	- 111 (1 <u>0</u> (2014)		
18b. Alternate Facility (or Generator) Facility's Phone: 18c. Signature of Alternate Facility (or Generator) 19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous w 1.						N	ionth Da	y Year
TH HH	3.			4.			and and and	া আলের নির্দ এইিটের্য
20. Designaled Facility Owner or Operator: Certification of receipt of frazardous materia Printed/Typed/Name	als covered by the manifest Signatu		100 18a	Ani) I	bnth Day	A Year

T	nint on time / From dealer	and feature an ality (40 alts							-	37		
	NIFORM HAZARDOUS	ned for use on elite (12-pito 1. Generator ID Number	in) typewriter.)	2. Page 1 of	3. Emerger	icy Response	Phone	4. Manifest	Tracking No	-		
	WASTE MANIFEST Generator's Name and Mailin	CARDOO	242073	1		-424-		1an mailing addre	000	066	<u>9 J</u>	JK
	San Ramon, CA 877	- Chevron EMC W A 94583	Naste Desk		3	645 Sa	n Pahl	o Avenue A 94608		10.0		dina.
Ge 6.	nerator's Phone: Transporter 1 Company Nam Belshire	le				1	a dia - Eldesand	U.S. EPAID				
7	Fransporter 2 Company Nam	0		- Anno 1977 - Anno 1977				and the second s	R 0 (0 1		
	BELSHIR	5-	-	L	t	1		U.S. EPAID		183	591	
0.	Designated Facility Name an VGOIIA ENVIRO 1704 West 1st Azusa, CA 91	: Street	ces - Azusa, C	aliforni	ia			U.S. EPA ID		83	0 2 0	0.2
Fa	unity of fibric.	334-5117				-					0 2 9	
9: H	M and Packing Group (if a			15	-	10. Contai No.	ners Type	11. Total Quantity	12. Unit Wt./Vol.	13.	Waste Code	Ş
	with lead)	lazardous waste)	3 20110 (2011 C	oncamina		001	D M	1.50	p	611		
X	2.RQ UN3266,	Waste Corrosi	ve Liquid, Bas	JIC,	_			600-0	1	100		
X	PGIII. CD	, n.o.s., (Con	crete rinsate	mlx), 8,	' (100	D M	040	9	122	D002	
Γ	3.											0
L							-					
ľ	4.							3				
14	Special Handling Instruction	as and Additional Information				-		L		<u>0</u>		-
9	bl 506903 3011 b2 506917 - BL1	I ERG 154	WR 1	631	SI	# 23		PLA		1. 2010 1. 2010 1. 2010	er on the second se	
15	marked and labeled/placa Exporter, I certify that the I certify that the waste min	DR'S CERTIFICATION: I hereby rded, and are in all respects in p contents of this consignment co himization statement identified in	proper condition for transport a pnform to the terms of the attac	according to applic thed EPA Acknowl	cable interna /ledgment of	tional and nat Consent.	ional governi	mental regulations	hipping name . If export sh	e, and are cla ipment and I	ssified, pack am the Prim	aged, ary
Ge	enerator's/Offeror's Printed/Ty	ped Name	for	Sig			AS G					
	INAC ARVIOI	1 1 2 0 4 4	0	1	inature (gover you		Mo	nth Day	# A
1 16	. International Shipments	IOT LEI	mc		3,2	6	C	enc		Moi O	nth Day 1 2.9	Yea 114
Tr	. International Shipments ansporter signature (for expo	Import to U.S.	m <u>L</u> [3,2	Port of er Date leav	C			Mo 0	nth Day	- A
Tr	ansporter signature (for expo . Transporter Acknowledgmen	Import to U.S. orts only): at of Receipt of Materials	mL		By de U.S.		C			0	1 129	114
Tr	ansporter signature (for expo . Transporter Acknowledgmen ansporter 1 Printed/Typed Nat	Import to U.S. orts only): nt of Receipt of Materials me	m£. [3,2		C			Mor	1 29 nth Day	114 Year
Tr	ansporter signature (for expo . Transporter Acknowledgmen	Import to U.S. orts only): nt of Receipt of Materials me MENDOZA	m£. [Export from C	By de U.S.		C			0	nth Day	114 Year
Tr 17 Tra	ansporter signature (for expo Transporter Acknowledgmen Insporter 1 Printed/Typed National TOTEVEN E-	Import to U.S. orts only): nt of Receipt of Materials me MENDOZA	mL	Export from C	By de U.S.		C			Mor d	nth Day	Year Year
Tr 17 Tr 17	ansporter signalure (for expo Transporter Acknowledgmen ansporter 1 Printed/Typed Nau STEVEN E- ansporter 2 Printed/Typed Na SE	Import to U.S. orts only): int of Receipt of Materials ime MENDOZA	<u>т</u> туре	Export from C	nature gnature		C		jection	Mor d	nth Day 1 29 1 29 nth Day	Yea 7 1 4 7 1 4 7 1 4
Tr 17 Tra 18 18	ansporter signalure (for expo Transporter Acknowledgmen ansporter 1 Printed/Typed Nau STEVENE ansporter 2 Printed/Typed Na Stevene According to the second second ansporter 2 Printed/Typed Na Stevene According to the second s	Import to U.S. orts only): int of Receipt of Materials me MENDOZA ime COMA i ace Quantity		Export from C	nature instrume internet	Date leav		emt dy Partial Re		Mor d	nth Day 1 29 nth Day 2 06	Yea 7 1 4 7 1 4 7 1 4
Tr 17 Tra 18 18	ansporter signalure (for expo Transporter Acknowledgmen ansporter 1 Printed/Typed Na STEVEN E- ansporter 2 Printed/Typed Na Sector Strategy Discrepancy a. Discrepancy b. Alternate Facility (or Gener	Import to U.S. orts only): int of Receipt of Materials me MENDOZA ime COMA i ace Quantity		Export from C	nature instrume internet	Date leav		dene den		Mor d	nth Day 1 29 nth Day 2 06	Yea 7 1 4 7 1 4 7 1 4
Tr 17 Tra 18 18	Ansporter Signalure (for expo Transporter Acknowledgmen ansporter 1 Printed/Typed Nau STEVENE Ansporter 2 Printed/Typed Nau Screpancy Discrepancy a. Discrepancy Indication Spa	Import to U.S. orts only): Int of Receipt of Materials Imme MENDOZA Imme COMM I ace Quantity rator)		Export from C	nature instrume internet	Date leav		emt dy Partial Re		Mor de Mor D	nth Day 1 29 nth Day 2 06	Yea Yea Yea
18 18	ansporter signature (for expo Transporter Acknowledgmen ansporter 1 Printed/Typed Nal TEVENE ansporter 2 Printed/Typed Na Discrepancy a. Discrepancy Indication Spa b. Attemate Facility (or Gener Indication Spa b. Attemate Facility (or Gener Indication Spa b. Attemate Facility (or Gener Indication Spa	Import to U.S. orts only): Int of Receipt of Materials me MENDDZA ime CMC i ace Quantity rator)	Г	Export from U Sign Sign Sign	J.S. Inature Inature Mani	Date leav		emt dy Partial Re		Mor de Mor D	nth Day 1 29 1 29 1 06 Full Rej	Yea Yea Yea
	ansporter signature (for expo Transporter Acknowledgmen ansporter 1 Printed/Typed Nal Preventer 2 Printed/Typed Nal Discrepancy a. Discrepancy Indication Spa b. Atternate Facility (or Gener cility's Phone: ic. Signature of Atternate Faci Attazardous Waste Report M	Import to U.S. orts only): Int of Receipt of Materials Imme MENDOZA Imme COMM I ace Quantity rator)	Г	Export from U Sign Sign Sign	J.S. Inature Inature Mani	Date leav		emt dy Partial Re		Mor de Mor D	nth Day 1 29 1 29 1 06 Full Rej	Year Year Year
Tr 17 Tr 17 Tr 18 18 18 18 18 18 19 1. 10 19 1.	ansporter signature (for expo Transporter Acknowledgmen ansporter 1 Printed/Typed Nal Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Seven Sev	Import to U.S. orts only): Int of Receipt of Materials me MENDDZA ime CMC i ace Quantity rator)	, codes for hazardous waste tr	Export from C Sign "Sign" "Sign "Sign"" "Sign""" "Sign""" "Sign""" "Sign""" "Sign""" "Sign""" "Sign""" "Sign""" "Sign""" "" "Sign""" "" "" "" "" "" "" "" "" "" "" "" ""	I.S.	Date leav	e Number.	emt den Partial Re U.S. EPA ID		Мол и и и и и и и и и и и и и и и и и и и	nth Day 1 29 1 29 1 06 Full Rej	Year Year Year Year Year Year Year Year

			in pathonal in					3715	77
With The Municipal Terms of the Control of the	ase print or type. (Form desig	ned for use on elite (12-pitch) typewriter.)							
Former Clinical 371572 Star Ramon, CA 94593 San Ramon, CA 94593 US 590 DNumber San San Company Name US 590 DNumber San	WASTE MANIFEST	CARODO2420				and all all all all all all all all all al	Tracking Nu	mber	
S. Imagent Company Name U.S. END. Number Delicities U.S. END. Number S. Decigned 2 Company Name U.S. END. Number S. Main Structure 2 Company Name S. Company Name S. Main Structure 2 Company Name S. Company Name S. Main Structure 2 Company Name S. Company Name S. Main Structure 2 Company Name S. Company Name S. Main Structure 2 Company Name S. Structure 2 Company Name S. Main Structure 2 Company Name S. Structure 2 Company Name S. Main Structure 2 Company Name Structure 2 Company Name S. Main Structure 2 Company Name Structure 2 Company Name S. Mainthis Name <td>Former Unocal PO Box 6004 -</td> <td>371572 Chevron EMC Waste De</td> <td></td> <td>3645 Sa</td> <td>n Pablo</td> <td>Avenue</td> <td></td> <td>-</td> <td>-1</td>	Former Unocal PO Box 6004 -	371572 Chevron EMC Waste De		3645 Sa	n Pablo	Avenue		-	-1
7. Theopening Company Name U.S. EXAD Number U.S. EXAD Number 8. Gauge Markets U.S. EXAD Number U.S. EXAD Number 9. Calify Texts S. California U.S. EXAD Number 9. Calify Texts S. California U.S. EXAD Number 9. Status C. A. D. O. D. 8. 3. 0. 2. 9. 0. 9. Status C. C. A. D. O. D. 8. 3. 0. 2. 9. 0. 9. Status C. C. A. D. O. D. 8. 3. 0. 2. 9. 0. 1. Non-calify Number U.S. EXAD Number 1. Social Nets Number U.S. EXAD Number 1. Social Number U.S. EXAD Number U.S. EXAD Number 1. Social Number U.S. EXAD Number U.S. EXAD Number 1. Social Number U.S. EXAD Number U.S. EXAD Number 1. Social Number U.S. EXAD Number U.S. EXAD Number 1. Social Number U.S. EXAD Number U.S. EXAD Number <t< td=""><td>Generator's Phone: 877 6. Transporter 1 Company Nam</td><td><u>386-6044</u> Ie</td><td></td><td></td><td></td><td>U.S. EPAID I</td><td>Number</td><td></td><td></td></t<>	Generator's Phone: 877 6. Transporter 1 Company Nam	<u>386-6044</u> Ie				U.S. EPAID I	Number		
B. Dergound Facility Mane and Ski Address U.S. EPA D Number Veolatia ENVironmental Services - Azusa, California I/O 4 West 1st Street 1704 West 1st Street CA D 0 0 6 3 0 2 9 0 Fally Phones. C26-314-5117 18 U.S. EPAD Number 19 Subscience 10 U.S. EPAD Number 10 Description (Maining Proce Sityping Name, Heard Class, ID Number, int I. Totel II. II. Totel II. III. Totel II. III. Totel II. III. III. III. III. III. III. III		le	5 S		Ř	U.S. EPAID	R 0 0 lumber	0 1 8	3913
Vector is Environmental Services - Azusa, California 1704 West, Bat Strong CADODESS (2000) Arusa, CA 91702 CADODESS (2000) Selve Hous: 11. Total Vironmental 12. Unit	BELSHI	RE		= - 1 				1839	13
No. Type County W.Vol 13. Wate Codes 1 Non-PCCRA Hazardous Waste Solid (soil contaminated on the solid contaminate on the solid conthe solid contaminate on the solid conthe sol	Veolia Enviro 1704 West 1st Azusa, CA 91	nmental Services - Az Street 702	usa, Californi	a	<u>a</u>			630	2903
	Vu. 1		ass, ID Number,			State of the second second		13. W	aste Codes
Bestate A	1 Non-RCRA H with lead		(soll contamina			115	ę	611	
14. Special Handling Instructions and Additional Information 9b1 505903 So11 ERG N A 9b1 505903 So11 ERG N A 9b1 505903 So11 ERG N A 9b2 505912 9b1 505903 So11 ERG N A 9b1 505903 So11 ERG N A 9b2 505912 9b1 505903 So11 ERG N A 9b2 505912 9b1 505903 So11 ERG N A 9b1 505903 So11 ERG N A 9b1 505903 So11 ERG N A 9b2 505912 9b1 505903 So11 ERG N A 9b1 505903 So11 505903 So110 A 9b1 505903 So		Maste Correction Ligas D.G.C., (Corrector)	the Basser TS	shahey	Dallas			2 83 ~	Dece
14. Special Handling Instructions and Additional Information 9b1 506503 Sol1 ERG NA 9c2 505017 Bits Burg MA 9c3 505017 Bits Burg MA 9c3 505017 Bits Burg MA 9c4 505017 Bits Burg MA 9c4 505017 Bits Burg MA 9c5 505017 Bits Burg MA 9c6 505017 Bits Burg MA 9c6 505017 Bits Burg MA 9c7 505017 Bits Burg MA 9c7 505017 Bits Burg MA 9c8 505017 Bits Burg MA 9c8 505017 Bits Burg MA 9c9 500	3.	2 2	-			V			
Sb1 506903 So11 ERG N A D PPB GLOVES, GOGGLES, SPLASH PROTECTIO Sb1 506903 So11 ERG N A D PBB GLOVES, GOGGLES, SPLASH PROTECTIO Sb1 506903 So11 ERG N A D PBB GLOVES, GOGGLES, SPLASH PROTECTIO Sb1 506903 So11 ERG N A D PBB GLOVES, GOGGLES, SPLASH PROTECTIO Sb1 506903 So11 ERG N A D PBB GLOVES, GOGGLES, SPLASH PROTECTIO Sb1 506903 So11 ERG N A D PBB GLOVES, GOGGLES, SPLASH PROTECTIO Sb1 506903 So11 ERG N A D PBB GLOVES, GOGGLES, SPLASH PROTECTIO Sb1 506903 So11 ERG N A D PBB GLOVES, GOGGLES, SPLASH PROTECTIO Sb1 506903 So11 ERG N A D PBB GLOVES, GOGGLES, SPLASH PROTECTIO Scatter D D PBC GLOVES, GOGGLES, SPLASH PROTECTIO Scatter D D PBC GLOVES, GOGGLES, SPLASH PROTECTIO Scatter D D PBC GLOVES, GOGGLES, SPLASH PROTECTIO Generator/State D Nonth Day Information D Nonth D Information D D Partial Rejection Informatin Pacifity Pol Name Signature <	4.			s and a second					
Generators/Offeror's Printed/Typed Name Month Day 16. International Shipments Import to U.S. Export from U.S. Port of entry/exit: Transporter signature (for exports only): Date leaving U.S.: If it international Shipments If it international Shipments 17. Transporter Acknowledgment of Receipt of Materials Signature Month Day Transporter 1 Printed/Typed Name Signature Month Day Transporter 2 Printed/Typed Name Signature Month Day Transporter 1 Printed/Typed Name Signature Month Day Transporter 2 Printed/Typed Name Signature Month Day Transporter 1 Printed/Typed Name Signature Month Day Transporter 2 Printed/Typed Name Signature Month Day Transporter 2 Printed/Typed Name Signature Month Day Tansporter 2 Printed/Typed Name Signature Month Day Tansporter 2 Printed/Typed Name Iteration Space Data Data Tansporter 2 Printed/Typed Name Signature Month Day 18. Discrepancy Material Rejection	9b1 506903 Soil 9b2 506917 Bis 15. GENERATOR'S/OFFER marked and labeled/place	BRG N A 	PRE ENT WR 1631	$B_{S} \stackrel{\text{th}}{=} 23$ are fully and accurately d vable international and na	4069 escribed abov	a by the proper si	hipping name	e, and are class	ified, packaged, n the Primary
16. International Shipments Import to U.S. Export from U.S. Port of entry/exit: Transporter signature (for exports only): Data leaving U.S.: Data leaving U.S.: 17. Transporter Acknowledgment of Receipt of Materials Month Day Transporter 2 Printed/Typed Name Month Day 18. Discrepancy Ification Space Quantity Type 18. Discrepancy Manifest Reference Number. U.S. EPA ID Number 18. Signature of Alternate Facility (or Generator) U.S. EPA ID Number Month 18. Signature of Alternate Facility (or Generator) U.S. EPA ID Number International State Score of the stardous waste treatment, disposal, and recycling systems) International State Score of the stardous waste treatment, disposal, and recycling systems) 19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) I. I. 10. Discrepancy I. I. I. I. I. <	Generator's/Offeror's Printed/T	yped Name	171 01 70			ager t			a
17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name Signature Month Day Transporter 1 Printed/Typed Name Signature Month Day Transporter 2 Printed/Typed Name Signature Month Day Transporter 2 Printed/Typed Name Month Transporter 2 Printed/Typed Name Month Transporter 2 Printed/Typed Name Month Tansporter 2 Printed/Typed Name U.S. EPA ID Number Table 2 Printer Month	16. International Shipments	Import to U.S.	Export from "t			<u> </u>	- 1990 1	14	1601
18. Discrepancy 18. Discrepancy Indication Space Quantity Type Residue Manifest Reference Number: 18b. Alternate Facility (or Generator) U.S. EPA ID Number Facility's Phone: Its: Signature of Alternate Facility (or Generator) 19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) 1. 2. 20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a		nt of Receipt of Materials	1		Vilig U.S.:				
18a. Discrepancy Indication Space Quantity Type Residue Partial Rejection Manifest Reference Number: Itel Rejection Itel Rejection 18b. Attemate Facility (or Generator) U.S. EPA ID Number Facility's Phone: Itel Rejection Itel Rejection 18c. Signature of Alternate Facility (or Generator) Month Day 19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) 4, 20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a A	Contraction of the local division of the loc	F. MENDOZA		Stan E.	M > =	haby	Zaj .	0	1281
18b. Alternate Facility (or Generator) U.S. EPA ID Number Facility's Phone:		pace Quantity	Птуре	Residue		Partial Re	ejection		Full Rejection
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a				Manifest Referen	ce Number.	2			
20. Designaled Fadility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a	B Astemate Facility (or Gen	erator)		and the second sec		U.S. EPA ID	Number	a a sine sin	$(x-\frac{1}{2}-\alpha)=(x-\frac{1}{2}-1)-\alpha$
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a	Facility's Phone: 18c. Signature of Alternate Fa	cility (or Generator)		- Patricia di San				Mor	th Day Y
	19. Hazardous Waste Report	Management Method Codes (i.e., codes for haze	ardous waste treatment, disposa 3.	II, and recycling systems;)	4.			
		r or Operator: Certification of receipt of hazardou			em 18a	mo		Mon	th Day Y

Generation Nume: End rest Description Description 1 & works in a works work (week of the Addr. 2014) Description Description Description 1 & works in a works work (week of the Addr. 2014) Description Description Description Description 1 & works in a works work (week of the Addr. 2014) Description	LA	ND DISPOSAL NOTIFICATION	AND CERTIFICATI	ON FORM PHASE	EIV	Page 1 of 1
Profile Boogst7 20000 CODES WHH SUB CATECONTEX (globo appropriate latter from section 8 before actuals that appless (free Cell 72 before from Section 8 before actuals that appless (free Cell 72 before from Section 8 before actuals that appless (free Cell 72 before from Section 8 before actuals that appless (free Cell 72 before from Section 8 before actuals that appless (free Cell 72 before from Section 8 before actuals that appless (free Cell 72 before from Section 8 before actuals that appless (free Cell 72 before from Section 8 before actuals that appless (free Cell 72 before from Section 8 before actuals that appless (free Cell 72 before from Section 8 before actuals that appless (free Cell 72 before from Section 8 before actuals that appless (free Cell 72 before from Section 8 before actuals that appless (free Cell 72 before from Section 8 before actuals that appless (free Cell 72 before from Section 8 before actual actu	Generator Name:	Former Unocal 371572	EPA ID # CAR	000242073	State Manifest No.	
22.0002.WTH GUID CATEGORIES genes appropriate lister from section blocks each code that apple() (be 4 0 UHE and the section form appropriate lister from section blocks each code that apple() (be 4 0 UHE appropriate lister from appropriate lister from section blocks each code that apple() (be 4 0 UHE appropriate lister from appropriate lister from section blocks each code that apple() (be 4 0 UHE appropriate lister from section blocks each code that apple() (be 4 0 UHE appropriate lister from section blocks each code that apple() (be 4 0 UHE appropriate lister from section blocks each code that apple() (be 4 0 UHE appropriate lister from section blocks each code that apple() (be 4 0 UHE appropriate lister from section blocks each code that apple() (be 4 0 UHE appropriate lister from section blocks each code that apple() (be 4 0 UHE appropriate lister from section blocks each code that apple() (be 4 0 UHE apple() (be 4 0 UHE appropriate lister from section blocks each code that apple() (be 4 0 UHE appropriate lister from section blocks each code that apple() (be 4 0 UHE apple() (be 4 0 UH	1. If waste is a waste water	(see 40CFR 268.2) place "w" next to the applic	able code (s)	Profile	. # 60	0047
Based PD2 PD3 PD3 <td< td=""><td>D001 HI-TOC D001 Except HI-TOC D003 Reactive Cyanide D003 Reactive Sulfide D003 Explosive D003 Water Reactives D003 Unexp Ord.Erng D003 Other Reactives D003 Batteries</td><td>D008 Lead Acid batteries D009 Organic Hg > 260 ppm D009 Inorg. Hg>260ppm D009 Hg<260</td> F025 Light ends F025 Spent filter K006 Anhydrous K069 Calcium Sulfate</td<>	D001 HI-TOC D001 Except HI-TOC D003 Reactive Cyanide D003 Reactive Sulfide D003 Explosive D003 Water Reactives D003 Unexp Ord.Erng D003 Other Reactives D003 Batteries	D008 Lead Acid batteries D009 Organic Hg > 260 ppm D009 Inorg. Hg>260ppm D009 Hg<260	K069 Not Calciu K071 Rmerc Res K071 Not Rmerc K106 Lo Rmerc K106 Not Rmerc K106 >260 ppm P047 Salts P047 Nonsalts P045 Lo Inc. Res	oplies) (See 40 CFR 268 fm n Sulfate P065 lm Res. P065 lm Res. P092 lm Res. P092 lm Hg P092 lm - P092 lm Hg P092 lm - U151 lm s. -	or details) .o RMERC Res. I Not Inc./RMERC Res. I .o Inc. Res. .o RMERC Res. Not Inc./RMERC Res. Ii Inc./RMERC Res. .o RMERC Res. .o RMERC Res. .o Not RMERC Res.	J151 Hi Hg J240 2, 4 D J240 2, 4 esters & Salts
Image: State in the state			,	5000 5000		
ADDITIONAL CODES (Eler all codes on identified above which are associated with wate) I USDA MACK THE WASTE BE:	D004 D005 D021 D020 D037 D036 D037 D037	D006 D007 D008 D009 D022 D023 D024 D025	D010 D011 D012 D026 D027 D028 D042 D043 F001	D013 D014 D029 D030 F002 F003	D015 D016 D016 D031 D032 D032 D034 D032 D032 D032 D032 D032 D032 D032 D032	D017 D018 D019 D033 D034 D035 J002 U003 U005 J220 U226 U279
Code:(s) Code:(s)	ADDITIONAL CODES (Ent	er all codes not identified above which are asso	ciated with waste)			1
If the UHCs are present upon generation check here if disposal facility will check for all UHCs implementation required. To bit a disfinition EX wates code/section all here: and enclose the unit will be considered in the construction of the construction o					MANAGED? ENTER THE LET	
If the UHCs are present upon generation check here if disposal facility will check for all UHCs implementation required. To bit a disfinition EX wates code/section all here: and enclose the unit will be considered in the construction of the construction o						
If the UHCs are present upon generation check here if disposal facility will check for all UHCs implementation required. To bit a disfinition EX wates code/section all here: and enclose the unit will be considered in the construction of the construction o			······		······	
If the UHCs are present upon generation check here if disposal facility will check for all UHCs implementation required. To bit a disfinition EX wates code/section all here: and enclose the unit will be considered in the construction of the construction o	· · · · · · · · · · · · · · · · · · ·			1		
If the UHCs are present upon generation check here if disposal facility will check for all UHCs implementation required. To bit a disfinition EX wates code/section all here: and enclose the unit will be considered in the construction of the construction o	To identify E039 or UHCs mana	ae in non_CWA use the "E039/Underlying Hazardous	Constituents Form" provided a	nd check berg:		
7. SOLVENTS CONSTITUENTS (F001 - F005) Check here if disposed facility will check for all spent solvents Carbon disaffice 7. SOLVENTS CONSTITUENTS (F001 - F005) Check here if disposed facility will check for all spent solvents Carbon disaffice 0. Obtion construction Description Carbon disaffice 0. Obtion construction Description Environment Carbon disaffice 0. Obtion construction Description Environment Environment 0. Obtion construction Description Environment Environment 0. Obtion construction Description Environment Environment 0. Obtion construction Description Carbon disaffice Environment <td< td=""><td>If no UHCs are present upon ge</td><td>neration check here: 🗔 Check here if disposal faci</td><td>lity will check for all UHCs 📋</td><td>(i.e no UHC form required)</td><td>ppies of this form,</td><td></td></td<>	If no UHCs are present upon ge	neration check here: 🗔 Check here if disposal faci	lity will check for all UHCs 📋	(i.e no UHC form required)	ppies of this form,	
certification will be deemed to refer to those state clattions instead of the 40 CFR clattions.) A.o RESTRICTED WAST EREQUIREST REATMENT This waste must be treated to the applicable treatment standards set forth in 40 CFR 268.40."	Acetone Carbon Tetrachloride Cyclohexanons Ethyl benzene Methylene chloride 2-Nitropropane 1,1,1-Trichloroethane	Benzene Chiorobenzene o-Dichlorobenzene Ethyl ether Methyl ethyl ketone Pyridine 1,1,2-Trichloroethane	n-Butyl alcohol O-Cresol 2-Ethoxyethanol isobutanol Methyl isobutyl ket Tetrachloroethylen	one	Cresols (m&p Ethyl acetate Methanol Nitrobenzene Toluene	I
A.o RESTRICTED WASTE REQUERES TREATMENT This wasts must be treated to the applicable leatment standards set forth in 40 CFR Parl 268.40				om the 40 CFR citations list	ed below. Where these regula	tory citations differ, your
Based on my inquiry of those individuals immediately responsible for obtaining this information, I believe that the treatment process has been operated and maintained property so as to comply am aware that there are significant penalties for submitting a false certification N REMOVED BY PHASE IV) B.3 GOO PAITH AND ANAL TICKAL CERTIFICATION - FOR INCINERATED ORGANICS "I certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification. Based on my inquiry of those individuals immediately responsible for obtaining this information, I believe that the nonwastewater organic constituents has been treated by combustion units as used best good faith efforts to analyze for such constituents. I am aware that there are significant penalties for submitting a false B.4 DECHARACTERZED WASTE ROUNEST FRATINENT FOR UNDERLY INK BAZARDOUS CONSTITUENTS That there are significant penalties for submitting a false ortification including the possibility of a fine and imprisonment." C. RESTRICTED WASTE SUBJECT TO A VARIANCE This waste is a subject to a nalow ad imprisonment." C. RESTRICTED WASTE SUBJECT TO A VARIANCE This wate is subject to analyze ad imprisonment." C. RESTRICTED WASTE CAN BE LAND DISPOSE WITHOUT FURTHER TREATMENT The waste subject to analyze additively responsible of a fine ad imprisonment." C. RESTRICTED WASTE SUBJECT TO A VARIANCE The reatment standar	A.o RESTRICTED W/ This waste must b For Hazardo B.1 RESTRICTED W/	STE REQUIRES TREATMENT e treated to the applicable treatment standards set for us Debris: "This hazardous debris is subject to the all STE TREATMENT TO PERFORMANCE STANDARI	, th in 40 CFR Part 268,40 emative treatment standards of 05			
"I certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification. Based on my inquiry of those individuals immediately responsible for obtaining this information, I believe that the nonwastewater organic constituents, as been treated by combustion units as specified in 268.42. Table 1. have been unable to detect the nonwastewater organic constituents, despite having used best good faith efforts to analyze for such constituents, I am aware that there are significant penalties for submitting a false DECHARACTERIZED WASTE REQUERES TREATMENT FOR UNDERLYING MAZARDOUS CONSTITUENTS "I certify under penalty of law that the waste has been treated in accordance with the requirements of 40 CFR 268.40 to remove the hazardous characteristics. This decharacterized waste contains underlying hazardous constituents that require further treatment to meet universal treatment standards. I am aware that there are significant penalties for submitting a false contraction including the possibility of a fine and imprisonment." C. RESTRICTED WASTE SUBJECT TO AVARIANCE This waste is subject to a national capacity variance, ar testability variance, or a case-by-case extension. Enter the effective date of prohibition in column 5 above. D. RESTRICTED WASTE CAN BE LAND DISPOSE WITHOUT FURTNER TREATMENT "I certify under penalty of law that I have personally examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification, including the possibility of a fine and imprisonment." E. WASTE CAN BE LAND DISPOSE WITHOUT FURTNER TREATMENT WASTE NOT CURRENTLY S	Based maintained prop am aware that th B.2 (CERTIFICATION	on my inquiry of those individuals im rfy so as to comply ere are significant penalties for submitting a false REMOVED BY PHASE IV)	mediately responsible for obta with the treatment standard	ining this information, I belie	eve that the treatment process O without impermissible diluti	has been operated and on of the prohibited waste. I
B.4 DECHARAČTERIZED WASTE REQUIRES TREATMENT FOR UNDERLYING HAZARDOUS CONSTITUENTS "I certify under penalty of law that the waste has been treated in accordance with the requirements of 40 CFR 268.40 to remove the hazardous characteristics. This decharacterized waste contains underlying hazardous constituents that require further treatment to meet universal treatment standards. I am aware that there are significant penalties for submitting a false certification including the possibility of a fine and imprisonment." C. RESTRICTED WASTE SUBJECT TO A VARIANCE This waste is subject to a national capacity variance, a treatability variance, or a case-by-case extension. Enter the effective date of prohibition in column 5 above.	Based	on my inquiry of those individuals immed	ately responsible for obtaining	this information, I believe t	hat the nonwastewater organ	c constituents has been
certification including the possibility of a fine and imprisonment." C. RESTRICTED WASTE SUBJECT TO A VARIANCE This waste is subject to a national capacity variance, a treatability variance, or a case-by-case extension. Enter the effective date of prohibition in column 5 above. D. For Hazardous Debris: "This hazardous debris is subject to the alternative treatment standards of 40 CFR 268.45." D. RESTRICTED WASTE CAN BE LAND DISPOSE WITHOUT FURTHER TREATMENT " I certify under penalty of law that I have personally examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D. I believe that the information I submitted is true, accurate and complete. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment." E. WASTE NOT CURRENTLY SUBJECT TO PART 268 RESTRICTIONS This waste is a newly identified waste that is not currently subject to any 40 CFR Part 268 restrictions. I hereby certify that all information in this and all associated documents is complete and accurate, to the best of my knowledge and information. Signature Mathemation, accurate Accelee CEMC Title SME/Conestoga-Rovers and Associates Date 1 · 7 · 20 / 4 FORM # 0ES-78B	B.4 DECHARAČTERI "I certify under pe	ZED WASTE REQURES TREATMENT FOR UNDER halty of law that the waste has been treated in accordate	LYING HAZARDOUS CONSTIT ance with the requirements of 40	CFR 268.40 to remove the ha	azardous characteristics. This d	echaracterized waste
D. RESTRICTED WASTE CAN BE LAND DISPOSE WITHOUT FURTHER TREATMENT " I certify under penalty of law that I have personally examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D. I believe that the information I submitted is true, accurate and complete. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment." E. WASTE NOT CURRENTLY SUBJECT TO PART 268 RESTRICTIONS This waste is a newly identified waste that is not currently subject to any 40 CFR Part 268 restrictions. I hereby certify that all information in this and all associated documents is complete and accurate, to the best of my knowledge and information. Signature Mutual information, as a function (CEM C) Title SME/Conestoga-Rovers and Associates Date I • 7 · 2014 FORM # 0ES-78B	certification includ C. RESTRICTED W	ing the possibility of a fine and imprisonment." STE SUBJECT TO A VARIANCE			-	,
the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D. I believe that the information I submitted is true, accurate and complete. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment." E. WASTE NOT CURRENTLY SUBJECT TO PART 268 RESTRICTIONS This waste is a newly identified waste that is not currently subject to any 40 CFR Part 268 restrictions. I hereby certify that all information in this and all associated documents is complete and accurate, to the best of my knowledge and information. Signature Mathematication, and age and for CErr (Title SME/Conestoga-Rovers and Associates Date 1 · 7 · 2014 FORM # 0ES-78B	D. RESTRICTED W	us Debris: "This hazardous debris is subject to the ali STE CAN BE LAND DISPOSE WITHOUT FURTHEF	ernative treatment standards of TREATMENT	40 CFR 268.45."		to support this certification that
Signature Image: factor of the content of the conte	the waste complie penalties for subn E. WASTE NOT CUI	s with the treatment standards specified in 40 CFR Pa itting a false certification, including the possibility of a RENTLY SUBJECT TO PART 268 RESTRICTIONS	rt 268 Subpart D. I believe that fine and imprisonment."			
Title SME/Conestoga-Rovers and Associates Date 1.7.2014 FORM# 0ES-78B	I hereby certify that all informat	on in this and all associated documents is complete a	nd accurate, to the best of my ki	nowledge and information.		
Title SME/Conestoga-Rovers and Associates Date 1.7.2014 FORM# 0ES-78B	Signature / Labort C	hour, as agent for CEr.	1 <	Robert Larsen as ag	ent for CEMC	
	Title SME	Conestoga-Rovers and Associate				FORM # 0ES-78B

		DISPOSAL NOTIFICATION A			HASE IV	Page <u>1</u> of <u>1</u>
Generator				CAR000242073	State Manifest No.	009580669JJK
1. II waste i	s a waste water (see 40	OCFR 268.2) place "w" next to the applicab	ile code (s)		Profile #	506917
D001 D003 D003 D003 D003 D003 D003 D003	HI-TOC Except HI-TOC Reactive Cyanide Reactive Sulfide Explosive Water Reactives Unexp Ord Erng Other Reactives Batteries	IES (place appropriate letter from section 8 D008 Lead Acid batteries D009 Organic Hg > 260 ppm D009 Inorg. Hg>260ppm D009 Hg<260 F025 Light ends F025 Spent filter K006 Hydrated K006 Anhydrous K069 Calcium Sulfate raste is "treated in nonCWA/ nonSDWA fac	KO69 Not C K071 Rmer K071 Not R K106 Lo Rn K106 Not R K106 Not R P047 Salts P045 Lo Inc	alcium Sulfate	R 268 for details) P065 Lo RMERC Res. P065 Not Inc./RMERC Res. P095 Hi Inc./RMERC Res. P092 Lo Inc. Res. P092 Lo RMERC Res. P092 Not Inc./RMERC Res. P092 Hi Inc./RMERC Res. U151 Lo Not RMERC Res. U151 Lo Not RMERC Res.	U151 Hi Hg U240 2, 4 D U240 2, 4 esters & Salts
3. COMMO	N CODES (Place appro	opriate letter from section 8 before each co	de that applies)			
A.o D002 D004 D020 D036 U007	P012 P030 D005 D006 D002 D021 D022 D037 D038 U044 U061 D022 D037	P051 P098 P105 P2 D007 D008 D009 D0 D023 D024 D025 D0 D039 D040 D041 D0 U072 U080 U108 U1	10 D011 1 26 D027 1 42 D043 1 17 U122 1	D012 D013 D029 D028 F001 F002 D029	F009 F010 F011 D014 D015 D016 D030 D031 D032 F003 F004 F005 U154 U188 U213	F012 F019 F039 D017 D018 D019 D033 D034 D035 U002 U003 U005 U220 U226 U279 K061 K061 K061
[des not identified above which are associa	aleu wiin waste)			MASTE DE
4. USEPA CODE(S)	HAZARDOUS WASTE	5. TREATMENT STANDARDS FOR NON-PH TREATMENT STANDARD 268.41, 268.43 O	•		6. HOW MUST THE M MANAGED? ENTER T FROM BELC	HE LETTER
If no UHCs a To list additi	re present upon generatior onal EPA waste code(s), u	on-CWA, use the "F039/Underlying Hazardous C n check here: C Check here if disposal facility se the supplemental sheet and check here: C (F001 - F005) Check here if disposal facility	will check for all UHCs In lieu of suppleme	(i.e no UHC form r ental sheet you may use m	equired) nultiple copies of this form.	
Acetone Carbon Cyclohe Ethyl be Methyle 2-Nitrop	e Tetrachloride exanons enzene ene chloride	Benzene Chlorobenzene Ethyl ether Methyl ethyl ketone Pyridine 1,1,2-Trichloroethane Xylenes	n-Butyl alcoho O-Cresol 2-Ethoxyethar isobutanol Methyl isobut Tetrachloroet	ol nol yl ketone	Creso Ethyl i Metha Nitrob	enzene
	(States authorized by EP	PA to manage the LDR program may have reg ned to refer to those state citations instead of			tions listed below. Where these	regulatory citations differ, your
А.о		d to the applicable treatment standards set forth				
	RESTRICTED WASTE TR "I certify under penalty of Based maintained properly so a am aware that there are	significant penalties for submitting a false	familiar with the treatn idiately responsible for	nent technology and ope obtaining this informatio	n, I believe that the treatment p FR 268.40 without impermissible	
В.2 В.3		YTICAL CERTIFICATION - FOR INCINERATE f law that I have personally examined and am on my inquiry of those individuals immediate	familiar with the treatmely responsible for obtain	aining this information, I I	believe that the nonwastewater	
B.4	DECHARAČTERIZED WA "I certify under penalty of I contains underlying hazard	It's to analyze for such constituents. I am awa ASTE REQUIRES TREATMENT FOR UNDERLY law that the waste has been treated in accordance dous constituents that require further treatment to	ire ING HAZARDOUS CON the with the requirements	ISTITUENTS of 40 CFR 268.40 to remo	that there are signif	Tcant penalties for submitting a false
c.	RESTRICTED WASTE SU	possibility of a fine and imprisonment." JBJECT TO A VARIANCE				
	For Hazardous Debri	national capacity variance, a treatability variance is: "This hazardous debris is subject to the alterr	native treatment standard		date of prohibition in column 5 ab	ove.
D. E.	" I certify under penalty of the waste complies with the penalties for submitting a f	AN BE LAND DISPOSE WITHOUT FURTHER T of law that I have personally examined and am he treatment standards specified in 40 CFR Part 3 false certification, including the possibility of a fir Y SUBJECT TO PART 268 RESTRICTIONS	familiar with the waste 268 Subpart D. I believe	through analysis and tes that the information I subr	sting or through knowledge of th nitted is true, accurate and comp	e waste to support this certification that lete. I am aware that there are significant
	This waste is a newly iden	tified waste that is not currently subject to any 40				
l hereby certi Signature	ify that all information in thi	is and all associated documents is complete and			ation. h as agent for CEMC	
Title	SME/Cone	estoga-Rovers and Associates		Date / · 7 · 20	-	
		×	GENERATOR (FORM # 0ES-78B

GENERATOR COPY

	LAND E	DISPOS	AL NOTIFI	CATION	AND (CERTI	FICATI	ON FOR	RM PHAS	SE IV			age <u>1</u> of _	1
Generator			nocal 37157		EPA ID		CAR	00024207	3	State Ma	nifest No	00	9580668JJK	
1. If waste	is a waste water (see 4	DCFR 268.2	2) place "w" nex	t to the applic	cable cod	le (s)			Profi	ile #		50691	7	
D001 D003 D003 D003 D003 D003 D003 D003	WITH SUB CATEGOR HI-TOC Except HI-TOC Reactive Cyanide Reactive Sulfide Explosive Water Reactives Unexp Ord.Erng Other Reactives Batteries legory for D018-D043 w	D008 D009 D009 F025 F025 K006 K006 K006	Lead Acid batter Organic Hg > 26 Inorg. Hg > 260 Hg > 260 Light ends Spent filter Hydrated Anhydrous Calcium Sulfate	ies 10 ppm pm		K069 K071 K071 K106 K106 K106 P047 P047 P065	Not Calciu Rmerc Res Not Rmerc I Not Rmerc F Not Rmerc >260 ppm I Salts Nonsalts Lo Inc. Res	n Sulfate Res. les. Res. Ig	P065 P065 P065 P092 P092 P092 P092 U151 U151	Lo RMERC R Not Inc./RMER Hi Inc./RMER Lo Inc. Res. Lo RMERC R Not Inc./RMER Hi Inc./RMER Lo RMERC R Lo Not RMER	RC Res C Res es. RC Res. C Res. es.	<u> </u>	Hi Hg 2, 4 D 2, 4 esters & Salts	
	N CODES (Place appn P012 P030	opriate lette P051	r from section 8 P098			at applies F006		5000	5000	5040	50/4	5040	5 040 5	000
A.o D002 D004 D020 D036 U007	P012P030 D005D006 D021D022 D037D038 U044U061	D007 D023 D039 U072	D008 D024 D040 U080	P105 D009 D025 D041 U108	P205 D010 D026 D042 U117	D011 D027 D043 U122	F007 D012 D028 F001 U123	F008 D013 D029 F002 U136	F009 D014 D030 F003 U154	F010 D015 D031 F004 U188	F011 D016 D032 F005 U213	F012 D017 D033 U002 U220	D018 D D034 D U003 U U226 U	039 019 035 005 279 061
	AL CODES (Enter all co	odes not ide	entified above w	which are ass	ociated w	ith waste	e)			1			1	
4. USEPA CODE(S)	A HAZARDOUS WASTE		IMENT STANDAR ENT STANDARD						ABLE	MANAGED	UST THE WA ? ENTER THE ROM BELOW	LETTER		
									····-				-	
				· · · · · · · · · · · · · · · · · · ·	•••••									
7. SOLVEI Aceton Carbor Cycloh Ethyl b Methylu 2-Nitro 1,1,1-T	n Tetrachloride exanons			if disposal fac zene benzene yl ketone		check for n-Buty O-Cre 2-Etho isobut Methy Tetrad	all spent so d alcohol sol anol l isobutyl ket hloroethylen	lvents	<u> </u>	copies of this f	Carbon o Cresols Ethyl ac Methanc Nitroben Toluene	(m&p) etate ol izene		
8	(States authorized by Ef							m the 40 CI	FR citations li	isted below. W	here these r	egulatory c	itations differ, your	
A.o	certification will be deen RESTRICTED WASTE RI This waste must be treate For Hazardous Debr	EQUIRES TR ed to the appli	EATMENT cable treatment s	tandards set fo	orth in 40 C	FR Part 2	68.40		45 "	·				
B.1 B.2	RESTRICTED WASTE TI "I certify under penalty of Based maintained properly so a am aware that there are (CERTIFICATION REMO	REATMENT of law that I h on my as to comply significant p VED BY PHA	TO PERFORMAN have personally e inquiry of those benalties for sub- SE IV)	ICE STANDAR examined and individuals in mitting a false	DS am familia nmediately with th	ar with th y respons ne treatme	e treatment ible for obta	echnology a ning this infi	and operation ormation, I be	elieve that the 3.40 without in	treatment pro	ocess has b dilution of t	port this certification. seen operated and he prohibited waste bility of a fine and	
B.3	GOOD FAITH AND ANAL "I certify under penalty of Based treated by combustion u	of law that I h on my inq	ave personally e	examined and	am familia diately res	ar with the	for obtaining	this information	ation, I believe	e that the nonv	vastewater o	organic con	oort this certification. stituents has been hstituents, despite ha	
B.4	used best good faith effe DECHARACTERIZED W/ "I certify under penalty of contains underlying hazar	ASTE REQUI law that the v rdous constitu	RES TREATMEN vaste has been tra uents that require	IT FOR UNDER eated in accord further treatme	RLYING H	the requir	ements of 40	CFR 268.40		hazardous cha	- iracterístics. T	This dechara		lse
с.	certification including the RESTRICTED WASTE SU This waste is subject to a	UBJECT TO national capa	A VARIANCE acity variance, a t	reatability varia						f prohibition in a	olumn 5 abov	/e.		
D.	For Hazardous Debr RESTRICTED WASTE Ca " i certify under penalty of	AN BE LAND of law that I	DISPOSE WITH have personally	OUT FURTHE	R TREATM am familia	VIENT ar with the	waste throu	gh analysis	and testing o					
E.	the waste complies with the penalties for submitting a WASTE NOT CURRENT This waste is a newly ider	false certifica	ation, including the	e possibility of a	a fine and S	imprisonn	ient."	he informatio	on I submitted i	is true, accurati	e and complet	te. I am awa	re that there are sign	ificant
I hereby cer	tify that all information in th	is and all ass	ociated documen	ts is complete a	and accura			owledge and	l information.					
Signature	Palento fan	esen, a	sagant f	heer	٢					agent for CI	EMC			
Title	SME/Cone	estoga-F	Rovers and	Associat	es		Date	1.7	.2014	7				
					(GENERA	TOR COP	(FORM # 0ES	-78B

-

		gned for use on elit	te (12-pitch) type	10. Contacts is (Number storthe new ince (, slinw 15 ow, for the type of co	en en la	rgency Response		ASTS spic F AS		Approved		
	FORM HAZARDOUS		GVT LI INAT	0 10 00 10 00 00 00 00 00 00 00 00 00 00	4 4 P	80.0 30 30	- រប្លនេះ ១០ ០	as su UUN	358	067	0° J	JK
2197	enerator's Name and Mail Ormer Unoca		boxes, lartons, c	nd (Media) qabijiti - Aki Latanig nu tuariti - Rki	General forms and	tor's Site Address	(if different th	an mailing addres	s)::8105:00	000 CT 400	េបាំផ្សេង	STATICY.
P	O Box 6004	- Chevron	BMC Wast	Desk (cho-lic	10) (AL	3645 Sar	Pable	Avenue c	N 198 - 6 C	1994 (A. 1997) 1997 - Angel A. 1997 (A. 1997)	a 87 8522 	erstaan - Sanstaa
Gene Gene	an Ramon, C. erator's Phone: 67	А. 94083 7 <u>06.264</u> Ме	2-280 2060-2	- ਓਸ ਛੂੰ ਇਹਟਰੇਗ boxes - ਪੁਰ ਵ ਦਾਲ ਕਵ		Fuelaar	10, U	4 94508 U.S. EPAID N	· · · · ·			
(cks)	ut tog store one?		hiji zoonoven navelo veze	e to oscolledia e 981. Franciscus estas	yn k er	ist edt geftime vers	one garagers	ni vezisten osta s st. hest () sv a sta	neriale (. เกิม หา≳⊳.	ି କଥାବି କଥିବିନ ମ ାନ ମା ନ୍ତ୍ୟର	
7. Tr	ansporter 2 Company Na	me		ti i kili Qalerdiy		· · · · · · · · · · · · · · · · · · ·	1	BEUS: EPA ID N			1000000 1177-1182-1	
8. De	esignated Facility Name a	nd Site Address	ino se si lab ser	no station and an and an				U.S. EPA ID N	umber	e e e e e e e e e e e e e e e e e e e	्राप्तः संग	
¥	eolia Envir 704 Nest is	onmantals S	Services:	- Azusa, Cal:	ifornia		(أبور <u>ل</u>	યલ્ફેઝઈ પ્લક્ષ છો.વ	laurien			in in a s State A
Facil	zusa. CA 9	1302(sonio di la calac	des shipped Do	neos leinos lo celen la Neos leinos lo celen la Neos leinos do celen la		الور. الالترار التركيب المحاورة (C A.	Ero Qon ()% \8 * %	U) 2019	¢ 10 - 3 -
9a. HM	9b. U.S. DOT Descrip	tion (including Proper,		zard Class, ID Number,	38	ircan 10. Contair No.	ners A⊂⊒ (Type	s. 11: Total	12. Unit Wt./Vol.	^{n 97} - 13.	Waste Code	
			Waste Sol	id (soil con	taminated		G IF 180% In	ik sut sistema	-0 5 -0-0-	.स. २०१ तम	shue le of	<u>eas toto</u> antitetra
	with lead			P = Callore in Sel K = Kliograms	8	001445	0619 door D M	200	intente An R de		ં તે ં પાંસા	ain on 3mB Pr
: .*	² RDuN3266.	Waste Con	rrosive L	ignic Basic	IRC/9 ages	n permanon eu ri auto solmuna e	n an an Anna Anna An Anna Anna Anna Anna Anna	Cutos Son Ny tereponesi No. Nanérakan san	<u>್ಷ ೧೫</u> ಕಕ್ಷಣಗಳು ಎಂದಿ ಕಾತಿ		ನಿ ಭೌಗ್ರವಿಗೆ ಕಾರ್ಯಗಳನ್ನು	्रह्मुङ्ग् इन्हें मेड्राइ
X	Inorganic	n.o.s	(Concret	e rinsate mi	ix), 8,		Do M	15	4	122	5 100 92 O 10 10000	niste
	3. 1000 1000 1000 1000	100LJ	SATISFIELD STREET, 12 (11) ISA (2	210147 = 5.00		ad the minited aste is a facto	nain <u>e seo</u> Ni on au	na potentarian As potentarian	n na serie S de s a i	and an st	n Long Tali n	1996 S. 1969 - 1
	nenta esta esta esta esta esta esta esta es			NJ JOPISC EL		ina preta site	an a	analia V es tio cid se v	usiele cer Staat Ste	1993 A. 1997	and a star	i senis
	<mark>i) andina an ionni sabo</mark> tang at the propert is		HE PARAMANA AND	n na jedet sitt. I noist	ад тюрьная	ល លោកភ្នំមួយ ។ លោក ហេក ភ្នំពេល ។ ។ លោក ហេក ភ្នំពេល ។ ហេក	RUNATORES STORED AND	217 JUE 2402 CG	intea. (a	130 (3 /) (9 39 /3 /) (9	या सः जापुर संविधिः हे द	বিক্রান্থ পরী হিনি
÷.		ola indi - Guild a	A Dris 200000 1	aste. ** इंटल्ल्डी सिरह मेन्द्र स	e4.	.,	t i s			्र व्य	- 101 - 114 (g	1.2.19165
				94. A A A A A A A A A A A A A A A A A A A								
14.5	Special Handling Instruction	ons and Additional Info	ormation	NUMES WATER COLORADOUR	्रम्बद्धः स्टब्स् हे हे हि	be ante ed k sonbed in Juint	ទ១ ៩.៨ សេន	n it the waste n				<u>्रिक्षेक्</u> । शहाः
19 10	ៅ១ ខេ ខ្លាំងទាត់ខ្មែរ ទី៧ ។ ក្នុងគឺសភាពបានសំពោ	ebrit slellet. Hodt Glai weise fan h ere	ित होत्र दिसे के प्रति होते. जिस्त में प्रति किस्ती के जिस्ती के जिस्ती	nnessann (daeis orl 10 stealae rNRAR s 1	EVEL D ^{SSILE}	scribed in Justifi	ទ១ ៩.៨ សេន		H PRO	TECTION		ા સંસાર્ગ
de de	ៅ១ ខេ ខ្លាំងទាត់ខ្មែរ ទី៧ ។ ក្នុងគឺសភាពបានសំពោ	ebo dictiot BERGEDIYAW . I BRG 154	l to ginista r no res Se dell'Ellevel com oti compOniender	megerian (doro di 1. steriosr utar st 1. object urar st	EVEL D ^{SSILE}	inui di badho Sanbed in juni i Engenerative Sanan ingenerative	sbargista Gogeni	n it the waste n	H PRO	TECTIO		ા સંસાર્ગ
9b 9b	10-00 0519020 5011 1: 506903 5011 2: 505917 5181 30061 517 5181 GENERATOR'S/OFFER	ebor distist, oot ERS- b/ Av IRC 154 States and be OR'S CERTIFICATIO	No großber no tra Se droßber so tra of stroßber so dr Risk stadt so droßber so Nich hereby declare	BRESELF BRESELF WR 163 Officer of this c	LEVEL D ⁹² ÉPi 1	กัญ ก่ bedna 30 yor enang สามาร์กลาด 4 กัญ คากกับ กัญ กับ and accurately de	eb a u tota GOGGLI Ist an tofic scribed above	n sizaw ant in o hon analy says ant no beran as benains ad biuc aby the proper shi	H PRO	TECTION	IT IT	kaged,
9b 9b 15.	10 10 2 0000000000000000000000000000000	ERG 109 1 IRG 109 0 Signal of the second s	1 a privile ol	the second state of the se	LEVEL D ³² EP T consignment are fully, rding to applicable int EPAAckriowledgmer	non ni bedhoo ay yonganami moli encini en moli ni condra moli ni condra and accurately de amational and nati it of Consent.	SCRIDED ADDRESS	n state edi in orn ene / , sga di no fransisti bendine ed bur bendine ed bur ental regulations, or e sudations,	H PRO	TE TO a, and are cla ipment and l	I II Issified, pac am the Prin	kaged,
9b 9b 15.	10 10 2 0000000000000000000000000000000	ebo alensi. orti ERG 133 1 IRG 133 0 Sishelem beq OR'S CERTIFICATIO arded, and are in all re contents of this cons inimization statement	1 a privide of 00 N: 1 hereby declare espects in proper or ignment conform to identified in 40 CFR	the terms of the attached (MRAR, L PRESEN WR 163 (11) 10) 10) 10) 10) 10) 10) 10) 10) 10)	LEVEL D ³² EP T consignment are fully, rding to applicable int EPAAcknowledgmer quantity generator) to	A conservation A conservation and eccurately de- mational and nati t of consent. c (b) (if I am a sma any much encom- b conservation any much encom- any much	eb a total Gradina scribed abovenn onal governn Il quantity ge	n state off in ann offer state benains of but benains of but benains of but netal regulations, c to state of a par off the of an offer in	H PRO pping name If export sh	TEX TION e, and are cla ipment and I	TT ssified, pac am the Prin nth Day	kaged, nary
90 90 15. Geni	12 506903° GoTI 23 506917 GTB 24 506917 GTB 25 66917 GTB 26 506917 GTB 27 506917 GTB 26 506917 GTB 27 506917 GTB 26 506917 GTB 26 506917 GTB 27 506917 GTB 20 506917 GTB 2	Ebo alonal KRG b/ A I KRG 15 a or alchedam back OR'S CERTIFICATIO arded, and are in all re- contents of this cons- inimization statement Vped Name ¹ to 1957 (1975)	In privation of the second sec	the second states of the states of the states of the second states of th	LEVEL D ³² EP T consignment are fully, rding to applicable int EPAAckrowledgmer quantity generator) Signature	Inc. I hadhoo Pronessan Inc. I hadhoo Inc. I hadhoo Inc. I hadhoo Inc. I hadhoo I ha	eb e a tota de cast of scribed abovi onal governin il quantity ge	n states and in monotonic states benuing ad but by the proper shi nental regulations constant is true.	H PRO pping name if export sh	e, and are cla ipment and l	i Tir issified, paci am the Prin nth Day	kaged. naiy
90 15. Geni 16. I 16. I 17 m	In the State of State	Encircle along the second seco	N: Thereby declare espects in proper co- identified in 40 CFF UX product of the CENCE	Huge on Anno Anno Anno Anno Anno Anno Anno	LEVEL D ³ PPI consignment are fully, rding to applicable int EPA Acknowledgmer quantity generator) o Signature Export from U.S et anig	Inc. I hadhoo Pronessan Inc. I hadhoo Inc. I hadhoo Inc. I hadhoo Inc. I hadhoo I ha	eb a total googlati scribed above onal governm Il quantity ge terra try/exit	n state off in ann offer state benains of but benains of but benains of but netal regulations, c to state of a par off the of an offer in	pping nam f export sh	a, and are cla ipment and I Mo	TT ssified, pac am the Prin nth Day	kaged, harv / S Year / S Year
9b 9b 15. Gentra 16. I 16. I 17. Tran 17. Tran	In the second se	Ebo alonal KRC b/ A I NRC 15 a achebarn back OR'S CERTIFICATIO arded, and are in all re- contents of this cons- initization statement yped Name 12 252 and 12 252 an	To private of the response espects in proper or ignimient conform to identified in 40 CFF Strand Conformation Strand Conformat	Integer un anno a a source WAR, a PRESENT STAR, a PRESENT ST	LEVEL D ³ PPI 1 consignment are fully rding to applicable int EPA Acknowledgmer quantity generator) of Signature Export from U.S 20 Snip	inclini badhoc Propression and accurately de mational and nature to Consent (b) (III am a sma chur na	eb a total googlati scribed above onal governm Il quantity ge terra try/exit	n state edit in no becar se benarn od but by the proper sh hental regulations nerator) is true.	pping nam f export sh	TECTTO and are cla ipment and I	nth Day anotopic	kaged, harv / S Year / S Year
95 95 15. 15. 15. 15. 15. 15. 15. 15. 15. 15	12 506903°9311 23 506917 9182 300917 9182 300917 9182 300917 9182 300917 9182 300917 9182 300917 9182 300919 10919 200919 10919 2009190000000000	Annal	N: I hereby declare espects in proper or igniment conform to Identified in 40 CFF OX PRADUE VUS PE DA PRADUE	Huge on sheet of the contents of the SAN output of the contents of the contents of the SAN output of the contents of the contents of the state ondition for transport accord the terms of the attached (262:27(a) (if liam a large (262:27(a) (if liam a large))))))))))))))))))))))))))))))))))))	Expert from U.S. Signature Signature Signature Signature Signature Signature	inclini hadhos Propagana main di colona and accurately de mational and neuro mational and neuro mational and neuro to Consent r (D) (III an a sma mational and neuro color of the second color of the second color of the second to the part features to t	eb a total googlat scribed above onal governm Il quantity ge terra try/exit	n state edit in no becar se benarn od but by the proper sh hental regulations nerator) is true.	pping nam f export sh	A and are cla ipment and I Mo	a Is ssified, pack am the Prin nth Day ine score of the source ine score of th	in a circ in a circ in ary in a circ in a circ
Sb Sb 15. Genic Tran 17. T Trans Trans Trans	In the second se	eba alonal KRG b/ A I TRO 15 a alonal and the second along OR'S CERTIFICATIO arded, and are in all re- contents of this cons- initization statement yped Name 10 1990 and 10 1990 initization statement initization statem	To private of the second secon	Huge on sheet of the second state of the	LEVEL D ³⁶ PPI consignment are fully, rding to applicable int EPA Acknowledgmer quantity generator) of Signature 2010 10 Signature 341.00 Signature 341.00 Signature	inc.i ni badhos shiyo naongri inc.i ni colighs and accurately de mational and nati t of Consent r (b) (fit aim a sma shirumun super inchedmun sa shirumun	soribëd above onal governm Il quantity ge Inviewiti ng U.S.:	n states will in no before some benuins of bur by the proper shi nertal regulations nerator) is true.	Pping name (Fexport sh	A and are cla ipment and I Mo	ssified, pac am the Prin nth Day nth Day nth Day	kaged, harv ////////////////////////////////////
9b 9b 15. Genic 16. L Trans Trans Trans teluc	12 506903°9311 23 506917 9182 300917 9182 300917 9182 300917 9182 300917 9182 300917 9182 300917 9182 300919 10919 200919 10919 2009190000000000	eba alonal KRG b/ A I NRG 15 a or alcheorn back OR'S CERTIFICATIO arded, and are in all re- contents of this cons- initization statement yped Name 12 252 and 12 252 initiation statement which is a statement initiation statement i	To private of the pri	Interest of the second	LEVEL D ³ PPI consignment are fully, rding to applicable int EPA Acknowledgmer quantity generator) o Signature 2 (10) Signature 3 (10) Signature 3 (10) Signature 3 (10) Signature 3 (10) Signature 3 (10) Signature 3 (10) Signature	inclini badhos Propagana main di colique mational and neuro mational and neuro mational and neuro to Consent to Consent	so sata	n state off in no beta as benans of but by the proper shi nertal regulations constructions of a but by the proper shi nertal regulations of a but by the proper shi regulations of a but the proper shi regulations of	pping name if export sh if expo	A and are cla ipment and I Mo	a I a ssified, pac am the Prin nth Day nth Day nth Day	in a circ in a circ in ary in a circ in a circ
96 96 15. 66 16. 16. 17. 17. 17. 17. 17. 17. 17. 18. 18. 18. 18. 18. 18.	In the Cost of the	eba alonal IRC b/ A I BRC 10 a GR'S CERTIFICATIO arded, and are in all re- contents of this cons- inimization statement yped Namö ¹ 12 195 ardet and are in all re- contents of this cons- inimization statement yped Namö ¹ 12 195 ardet and are in all re- contents of this cons- inimization statement yped Namö ¹ 12 195 ardet and are in all re- inimization statement yped Namö ¹ 12 195 ardet and are in all re- inimization statement yped Namö ¹ 12 195 ardet and are in all re- inimization statement inimization statement ini	To private of the pri	The second secon	LEVEL D ³ PPI consignment are fully, rding to applicable int EPA Acknowledgmer quantity generator) o Signature 2 (10) Signature 3 (10) Signature 3 (10) Signature 3 (10) Signature 3 (10) Signature 3 (10) Signature 3 (10) Signature	Inc. I hadhos Propression Inc. I n column and accurately de- mational and nati t of Consent t of Consent (b) (III am a sma smartun succ the consent t of Consent	so sata	n state edition in the proper shi benains editions betrains editions betrains editions betrains editions betrains editions nerator) is true.	pping name if export sh second s	A and are cla ipment and I	a I a ssified, pac am the Prin nth Day nth Day nth Day	kaged, harv Ale of the control of th
95 15. 15. 15. 15. 15. 15. 15. 17. 17. 17. 17. 17. 17. 17. 17. 18. 1. 18. 1. 18. 1. 18. 1. 18. 1. 19. 19. 19. 19. 19. 19. 19. 19. 19.	In the Cost of the	eba alonal IRC b/ A IRC 10 a alonal and box OR'S CERTIFICATIO arded, and are in all re- contents of this cons- inimization statement yped Namo 12 195 alonal 12 19	To private of the pri	Huge on Anna Anna Anna Anna Anna Anna Anna A	LEVEL D ³⁵ PPI consignment are fully, rding to applicable int EPA Acknowledgmer quantity generator) of Signature 2010 Signature 311 Signature 311 Signature 211 Signature 211 Signature 211 Signature 211 Signature 211 Signature 211 Signature 211 Signature 211 Signature 211 Signature	inclini badhoc Propagana moli ni colique malional and nice malional and nice malional and nice malional and nice to Consent r (D) (fil and a sma migmun super- nice and nice to Consent r (D) (fil and a sma migmun super- nice and nice to Consent r (D) (fil and a sma migmun super- nice and nice to Consent r (D) (fil and a sma migmun super- nice and nice to Consent r (D) (fil and a sma migmun super- nice and nice to Consent r (D) (fil and a sma migmun super- nice and nice to Consent r (D) (fil and a sma migmun super- nice and nice to Consent r (D) (fil and a sma migmun super- nice and nice r (D) (fil and a sma migmun super- r (D) (fil and a sma migmun super- r (D) (fil and a sma migmun super- r (D) (fil and a sma migmun super- super- nice and nice r (D) (fil and a sma migmun super- r (D) (fil and a sma migmun super- nice and nice r (D) (fil and a sma migmun super- r (D) (fil and a sma migmun super- migmun sup	so a sus google scribed above onal governm Il quantity ge sere inv/exit ing U.S. free scribed above onal governm Il quantity ge scribed above inv/solution inv/so	n state end in no been and benains of bur by the proper shi nertal regulations of a state of the benains of bur by the proper shi nertal regulations to bur burners bu	pping name report shares report shares repor	A and are cla ipment and I	ssified, pac am the Prin nth Day nth Day nth Day inh Day	kaged, harv Ale of the control of th
910 915 115 115 115 115 115 115 115 115 115	In the second se	Annual and a series of the ser	To private of the pri	Interpretation of the second o	LEVEL D ³⁵ PPI consignment are fully, rding to applicable int EPA Acknowledgmer quantity generator) of Signature 2010 0 Signature 2010 0 Signature 2010 0 2010 0	inclini badhoe Propagang moli ni coligno and accurately de mational and naise mational and naise incline accurately de mational and naise (D) (III and a sma mational and naise (III and a small (III and a	son a sustant google above onal governm il quantity ge reserve inv/exit ing U.S. 7 10 10 10 10 10 10 10 10 10 10 10 10 10	n state end in no been and been and benaring of been and benaring been and benaring been and been and been and	pping name report sh control of the cumber umber	A and are cla ipment and I	A I a solified, pack and the Print Day and the Day and the Day and the day of	kaged, aary Age of year Age of
310 310 15 16 17 17 17 17 17 18 18 18 18 18 18 18 18	In the second se	eba alonal KRC b/ AW I TRUE ID a alonalised of the construction arded, and are in all re- contents of this cons- initization statement yped Name I D Second and I D S	To private on the second secon	Interpretation of the second s	LEVEL D ³⁵ PPI consignment are fully, rding to applicable int EPA Acknowledgmer quantity generator) of Signature 2010 0 Signature 2010 0 Signature 2010 0 2010 0	inclini badhoe Propagang moli ni coligno and accurately de mational and naise mational and naise incline accurately de mational and naise (D) (III and a sma mational and naise (III and a small (III and a	son a sustant google above onal governm il quantity ge reserve inv/exit ing U.S. 7 10 10 10 10 10 10 10 10 10 10 10 10 10	no Notes and no Notes and benuins of bur by the proper, shi nertaine unditions, nerator) is true.	pping name if export sh export sh ex	A and are cla ipment and I	A I a ssified, pack and the Print Day and the Day and the Print Day and the Print Day and the Print Day and the Da	Aleged, ary Aleged, Aleged, Aleged, Aleged, Aleged, Al
315 315 15 15 16 315 16 315 16 315 16 315 16 315 16 315 16 315 16 315 16 315 16 315 16 315 16 315 16 315 16 315 16 315 16 315 16 16 16 16 16 16 16 16 16 16	In the second se	eba alonel IRRC b/ AW I IRRC 1/ A I IRRC 1/ A IRRC 1/	To private on the second secon	Interpretation of the Arrow of	LEVEL D ³² PPI consignment are fully rding to applicable int EPA Acknowledgmer quantity generator) of Signature Si	An in the badhoo An in a consent and accurately de mational and native to Consent to Consent to Consent (b) (ff am a sma strumun super- inchedmun es and accurately de to Consent to Conse	so sata	no Notes and no Notes and benaring of bur by the proper, shi nertal regulations, nerator) is true. Notes to bur the proper, shi nerator is true. Notes to bur the proper, shi nertal regulations, nerator is true. Notes to bur the proper, shi the proper, shi th	pping name pping name if export shares if export shares i	A and are cla ipment and I	A I a selfied, pack and the Print Day and the Day and the Day and the day of	kaged, hary Age of Year Age of Age Age Age Age of Age
900 900 15. 15. 16. 18. 18. 18. 18. 18. 18. 18. 18	In the second se	eba alonal IRC I/ A IRC I/ A I BRC I/ A	To point a constraint of the point of the constraint of the constr	Interpretation of the second s	LEVEL D ³ EP consignment are fully, rding to applicable int EPA Acknowledgmer quantity generator) to Signature Sig	And A badhos A present and and accurately de mational and neuron in of consent r (b) (If Lam a sma any muo succ ho her pate reavi- set of pate reavi- consent of the and accurately de and accurately de accurately de acc	so a sole in a sole scribed above in governm il quantity ge invexit ing U.S. Scribed above in a sole in a	no Notes and no Notes and behaviors of but behaviors of but behaviors of but behaviors of but behaviors of but behaviors of but nerator) is true. In API 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 1	pping name (resport sh section	A and are cla ipment and I	a I a solified, pack and the Print Day and the P	Alegied Alegie
15. 15. 15. 15. 16. 17. 17. 17. 18. 18. 18. 18. 18. 18. 18. 18	In the Cost of the	eba alonal KRC b/ A I TRO 15 a alonal and the field of the contents of this cons initization statement yped Name 1 a sec and 1 a	To private of the pri	Integer un since s	LEVEL D ³² PPI consignment are fully, rding to applicable int EPA Acknowledgmer quantity generator) of Signature PA Cknowledgmer quantity generator) of Signature PA Cknowledgmer PA C	An in the badhoe An in the badhoe and accurately de mational and neutrino and accurately de and accurately de accurately de and accurately de accurately de accuratel	so a sole in a sole scribed above in government in guardity ge inviewit ing U.S. inviewit sole a sole inviewit ing U.S. inviewit sole a sole inviewit ing U.S.	no Notes and no Notes and benaring of bur by the proper, shi nertal regulations, nerator) is true. Notes to bur the proper, shi nerator is true. Notes to bur the proper, shi nertal regulations, nerator is true. Notes to bur the proper, shi the proper, shi th	rping name oping name if export sh export sh e	A and are cla ipment and I	nth Day nth Day nth Day nth Day Full Re Full Re	kaged, aary Agead
315 315 15 16 315 16 16 16 16 17 17 18 18 18 18 18 18 18 18 18 18	In the second se	eba alonal KRC b/ AW I TRO ID 3 GR'S CERTIFICATIO arded, and are in all re- contents of this cons- inimization statement yped Name ID second and ID second ID second and ID second ID second and ID second ID second pace ID second ID second pace ID second pace ID second ID second pace ID second Pace ID second ID sec	To private on the second secon	Interpretation of the second state of the second state of the second state of the s	LEVEL D ³² PPI consignment are fully rding to applicable int EPA Acknowledgmer quantity generator) of Signature Print of U.S Signature Print of U.S Signature Pr	An in the adhoes a second a second and accurately de main and nature to forsent. (b) (fit and a sma array in the consent is th	so a solution geographic scribéd above onal governm il quantity ge invite governm invite solution solution invite invite solution invite solution invite solution invite solution invite solution invite solution invite solution invite solution invite solution invite solution invite invinvite invite invite invite invite invite invite invite invinvite	no Notes and no Notes and benaring of bur by the proper, shi nertal regulations, nerator) is true. Notes to bur the proper, shi nerator is true. Notes to bur the proper, shi the	pping name (rexport sh export sh exp	A and are cla ipment and I	a I a selfed, pace and the Prin the Day and the Day	Alegeid, aary Al
315 365 15 15 16 16 17 17 17 17 17 17 17 17	In the second se	eba alonal KRC b/ AW I TRO ID 3 GR'S CERTIFICATIO arded, and are in all re- contents of this cons- inimization statement yped Name ID second and ID second ID second and ID second ID second and ID second ID second pace ID second ID second pace ID second pace ID second ID second pace ID second Pace ID second ID sec	To private on the second secon	Integer un since s	LEVEL D ³ PPI consignment are fully, rding to applicable int EPA Acknowledgmer quantity generator) of Signature Si	An in the badhoo	so a sole received above initial government initial government	no Notes and no Notes and benaring of bur by the proper, shi nertal regulations, nerator) is true. Notes to bur the proper, shi nerator is true. Notes to bur the proper, shi the	pping name responses accepted	Mo	ssified, pac am the Prin nth Day nth Day nth Day Full Re Full	Aged, ary Agent Ag

	e print or type. (Form designed for use on elite (12-pitch) typewriter.)	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1						OMB No. 2	050-00
	JNIFORM HAZARDOUS 1. Generator ID Number Tel: Celling Dial of the cel	1-6	gency Response	9300-		<u>958</u>	<u>066</u>	<u>9 J.</u>	<u>IK</u>
9 31 31	Generators Name and Mailing Address 572° of a data to solve the statis Address 200 Box 6004 - Chevron ENC waste Desk San Riamon, CA 94583 00 0 cos as to besk 877 386-6044 (2004)		100 03 (2 80) 3645, Sai	n-Babl	an mailing addre O Avonue A 9460	្នំបង្កោះរ៉ង់។ សារសារសារ	d 40 ge om ande in 1930	127, 438 478 1910, 24, 194 1940, 1975, 245 21, 1975, 245	
- Ge 6. 18:	Senerator's Phoness in a File Constant (1998) Senerator's Status (1998) Transporter al Company Name Transporter al Company Name DF A Fiberboard, process durans (1900) segalation frocta		a indelo bana ego			tumber RÖ	0°01	"a" 3" 6	' 1 - 5
· .	Transporter 2 Company Name	(sd 2) e S		ព្រះ ៦៨ ខែ៤ :	a (fatelomatica) 201 U.S. EPA ID I 40 I era (finalos) en	lumber	4 - 1 - 4 - 4 4	- (7 4978135) - 1487 (2013) - 1489 (2014)	
8.	Designated Facility Name and Sile Address			Star and a	U.S. EPA ID I	da est		<u></u>	
<u></u>	ol 1704 in West sup AttenStreet in the second of the design of the operation of the design of the second of the se	8346-63		1602	nense rejeren Samu Samu	ilografii D 0 Anoite Ar	0 8 3 muu 700	029	0, 3
. 9	9a. B On U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, on Data in Charlen (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (in any))	19	No.	ters <u>A⊆⊇ n</u> Type	ov 11. Total so: Quantity	12. Unit Wt.Vol.	neg e tij3.	Waste Codes	en e
	G = Gallons (liquids on)) (K = Kliograms.	MICHAY:	1100 121 1000 122		Mainteterin 1950a	no nasu Gilai p () Gilai p ()	et p 1390	telat sumt serie telat gener Re	aine co Mà.t
		n uie e vor 8 1s canadie	e Discharte e	onse phoi		sprasse Sala erration tunio ort	ung gang tanggang tanggang tanggang	<u> </u>	2.0 (20) 011 (36) 63 98
	3. Joint In, in swid elsew ross outloaded of opera all water one SETTA DISC		raste is in trans	tmes the	ાર કેલ્ટેન્ટ્રે શ કો	n 40 beix stois biy		*****	antin Sere A
A1(ter and and an laurit set to latebail this instructor (not and latebail) and the set of	SDB::::0:12 (cs dia (cs dia	ः १८७ केंद्रभूमि अस्	COMBRQUE	nend to attract no mile par e acos atalbem	user sab	1463 2 - 2014) 現代1462-1203 現代1462-1203 現代1462-1203	Somerse Somers Statess Statess	n gener NG Balan NG Balan
14	וופחן אל Special Hendling Instructions and Additional Information אין איז				er information sli the waste d			กับเทศสมณ	<u></u>
929	LITVELTER management or tradicing of the materials under the series of the series of the series of the series of the materials and the series of the series	BRE SECT	/GLOVES , I mun Enode	e GOGGILI	LB; era SPLA: e 11 no 5612 (ao baielno po 51	H PRO	TEGTIC SV 841-01-05 W 246-00	No LE () Maggi selan	truga Sene na Ssonati
10	5." GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignme marked and labeled/placarded, and are in all respects in proper condition for transport according to ap of r Exporter, I' certify that the contents of this consignment conform to the terms of the attached EPAAckn y/iI certify that the waste minimization statement identified in 40 CFR 262.27(a) ((f I am a large quantity g	oplicable inte iowledgment	mational and national and national of Consent.	onal governn 339100A	ental regulations	If export sl	e, and are cla hipment and l	assified, packa I am the Prima	iged, ₂ iry 3 3
		Signature 4	neore number		hong in the second	€ં કે પાકાળ	çeyene Mo	onth 3816 Day	Yea
1.00	6. International Shipments of Import to U.S.O. I bertuper ed torrited, rever for Export froi Transporter signature (for exports only):	in soe at	eien V Port of an	try/exif-6m9		the desig) 1995年1月1日 1996年1月1日	AND STREET	3 Y W
17 Tra	7. Transporter Acknowledgment of Receipt of Materials Accounted a construct non-constant of methors are a constant of the the second of the second and the second of the s	Signature 🖌	<u>.</u>	rr i	ocompo press	e unu ore	Mo	nth Day	Yea
Н (6-	Setter and the set of	and the second	1917 NV 1917	f fan	teamur Carlor	3 APB C <u>uven</u>	10 ¹		d. 25-
3U 	will be waste minimization requirements. The Gangerator's Certific to a sone	Signature			(6.4°5.3.3)	ក្នុងទំខាវជា	eneourci e Shiyaachu	ៅរ 101 ខ្មែរ ខ្មែរ	Yea
-	8 Discrepancy Indication Space use and managing showing and intermediate and the state of the st	TT:00-22A).			्रिलेखको अन्द्रित अन्तिहरी हु हुद्देवे				k s ¶ortan
ər ç	are classified, packaged, marked and labeled blicarded, and no in survepers on				ି କାର୍ଯ୍ୟର Partial Re ଅନ୍ତର୍ଭ କେରେ ସ	soldde si			
n.	Altemate Facility (or Generator) ເວົ້າ ເວັ້າເອີ້ມ ອອກອາດອີກອາດີ (or realistic for realistic) (or realistic) and the second seco	ື່.	t Class or Divis	anaran 🦂	U S, EPA ID I eV got of 2 18		- N.	ier nat nastricula	
Fa	ability's phonement is the mitty of a sense of the sense of a sent W Sc. Signature of Alternate Facility (or Generator) in the sense of a sense of alternate facility (or Generator) in the sense of the sense of a sense of a sense of a sense of a sense of the sense o	dcus	and nonbazar	Stri Datissi "		ligas es A mes o	in Korstina Bañiñe IM	e ved solf i onthis - Day	∵sisaitit spj Ye a
	 Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposed) 		<u> </u>	iP A 05 위	ព្រះសារជាខ្មែលស្រីដែល <u>សារ ដោយស</u> ាល សារ ស្រុក	an cuou Sila - Ali Line -	94991391 	255.48 25.20 25.20 25.50	3 8 8 6 6
	. 2. Induction terms with to			hi bergaet	ach 🖗 ste as i				
31	niel III unicum optoogis nettiwelnen erst soore noteriniter store station A 100 /				ຍ ເຊິ່ງ ເ			1-1810030	
1 } 20	rnet is conclust stationals net/hwitnen end table not simplified on so end to rA true (0. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the m	ianifest exce	ot as noted in iten	n 18 a tha to		wird Leb	s íðs	ti i in oi nob e	1 - 310

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

	1. Generator ID Number) saidud yn cair yan Myd arli rolldwold	2 Page 1 of 1.3 Em	ergency Response	Phone	4 Manifest	Tracking N	iumher	OMB No.	
UNIFORM HAZARDOUS	and the second	1. A		1 19	ano. 29397	ອະດີດອ ^{ີດ} ເອີ້ອີດ	UUna ais	999	690	<u>8</u> . J	Jł
5. Generator's Name and Mailin Former Unocal	nä Address and and the	slone rease dio	in asha∄ ∈ AS .	Genera	itor's Site Address	(if different th	an mailing addres	is) 100000-00	26 9 - 1008 5 - 1008 - 1008	េះ ភូមិដែល សំណាម	5 G
PO Box 6004 -	· Chevron EMC	Waste De	9 5 K ⁽⁸⁾ = M ⁽¹⁾	्रांत नागुइड	Sacas (3.)	n Parti	RO NO ANIMA	r miszere	કાર્ય તેટ્લનહ	소 공장 이 문	
San Ramon, CA Generator's Phone 30 16877	94583		- 0180		Emeryvi	110, C.	⊼″ 94609	-3901	1.001.963	29144 - 1949 1970 - 74	
6. Transporter 1 Company Nam	ne l	ment of second to	arean ciute XII -	and and an interview.	e mension no provin Alternation (14	an ann an 18 An 18 An 18	U.S. EPA ID N		so dona 25 pr	e sterioù a	ar in Sairte
Belenire 7. Transporter 2 Company Nam		<u>ne na presente viene</u> <u>ne na cleatered viene</u>			in eo d'angun. Line a stàiteachachachachachachachachachachachachacha						
		N.	innsile an T		bynnen staf 1410 sz						
8. Designated Facility Name an	はっぱげ ちも ごうれの わたり きょうり		संस्कृत का स्वयं का स्वयं बहरू देखाद इस्वयु लिखे	ng si si			U.S. EPA ID N	lumber		el estatoria	
Veolia Enviro	Street	والمعرجة المعطية المعالية	a denoratio esta			2101	ans in Gegore	itouhiter	2 2	na. Potre j	
10 6 1 4 4 5 4 6 6 6 6 7 1 1 4 4 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	702 334-5117	saansu smoonu ne Signaatities shippe	ા મહાસ્કર, પ્ર ચ્છાલ્લા પ્ર ગણાંગનું પ્ર ચ્છાં કરવા પ			7 	CA	∧ D 0,	0.8:3	0 2 9	0
ga. 9b. U.S. DOT Description	on (including Proper Shippli any))	ng Namë, Hazard Cl	lass, ID Number,		10. Contai	ners Acto	sv11: Total	- 12. Unit	- 12	Waste Code	
					No.	Туре	Quantity	WL/Vol.	15.	YYASID COUL	
1. Non-RCRA H with lead)	lazardous _{//} Was			itaminated	30 mil 16 13	ाल होते. हाल होग्रेटी	Mielot ereierni. A ^{ct} i selectric	េះ៩-៦១៩១ ១៥សេខាវីថ	611	ing ter die Notes	
ី ដោយនេះ Pounts		, lybus abiti¢	n ng sang sang sang sang sang sang sang		001	ВМ	112,	omuşî bi		.9. ¹ (red)	134
X Energanic	Wasta Corre	tvo hier	id, Baca	7. 738 lb .	in cerociamen. Prombet mus		ni arnoù gebeue ser 1 gebeue	च्छःछसान इसेर्मे (जन्द	oranau ye Mitalahi	D 8 93	•
DOLL	erebian of Cubic Yards a				ែរស្វីស ពលានទាំងខ្លាំង ខ្ល	30 Marine	s as a riontar	an hu tot	ngerty set	$(x_{i},y_{i}) = (y_{i})$	10
A 3. 10 10 10 10 10 10 10 10 10	ente con ténic por con	ار از این اور این اور	en e que porto arac		e adalaho 2001 ar Cimena di 21 alusa		มันโอราสเร็ต ค.ศ. 1675 หรือสามห	iscontrol Di Sichine	askoatuku Bateriu va	e tarian Destruction	
NOR MAY MERCY CLORAN TOS	a a shaith ni adhao ata		13: Waste Doubl art un to siv le co	તો છે. 1			ой. <u>1</u> а	aute 1 a			-
med lengthe adjustment	herianat diffu tensina e	the and tent as	P	19 000	osto being still o	7 BUCDIES:	1月1日朝1966日 1847日 - 1847日 1847日 - 1847日	∯(∉0ेटेंटें प्रदृष्ट्रा ह	ी, तम्ब से स्वयूच्या हा	90 ,0409 90,0469	
mative of the croce b a of t	esèren tsom era na www.	ଅଗାରତ୍ର ଆଧ୍ୟକ୍ଷ ଅ		TTO DTSC	: att and only no	aec s J e	soop statustu	. इस्त के		l Islavieni	
							and the second second	1.186倍的	이 이 문을 감독하는 것이 없다.	11,13, OH Q	184
14: Special Handling Instruction	ionu alshelem arti i po tur ERG ic N/A s (s. 1).	nie (na 1972) 1561 august (na 1973) 1873 august (na 1983)	WILL OC	RVEL D ^{SC} PP T	B/GLOVES,	GOGGUI	ES). BPLAS Minotesis e	9 20 H PRO 295 200	TECTION	Fri te -Ut	10
14: Special Handling Instruction in the television of the 351 , 506903 , 501 , 352 , 506013 , 357 , 506013 , incologistic inclusion of the	ns and Additional Informatio Dour Historian and Tarta Standard A A Sta	nen na	MEAR MEAR PRESEN WR®163	8) J RVBL D ⁹⁷ PP T 1 J2	E/GLOVES, Constant Co	9 606615 2012 80130	n olașe altriș (S) 20 SPLAS Artimo basăria La lateri ș e dire	H PRO 235. 200	1867 (5.169) TECTION 74 (5.16) 75 (5.16) 74 (5.16) 74 (5.16) 74 (5.16) 74 (5.16)	FTT E -91 15-13-19-1 1-9-15-19-1 1-9-15-19-1 1-9-15-19-1	. 10 3-36- 3-17
14: Special Handling Instruction to 10 a 30: Shoring off 16 3b1, 506903, 3011 3b2, 506013, Bhr inco, senari inclinent an fu 15. GENERATOR SIOFFERO marked and labeled/placa	is and Additional Informatio on Unitediant and UNING NYA I SIGN STATE IN SCERTIFICATION: The rded, and are in all respects	a / 25 / 16 / ereby declare that th s in proper condition	PRESENTED TAR PRESENT WR 163	RVEL D ³⁷ FP T 1 da onsignment are fully ding to applicable int	E/GLOVES and accurately de emational and nat	SGOGG Li	n olasin all iso IS) SPLAS eritmo basis and and optimized by the proper sh	E PRO	terri Sono TECTION Station Sta	I IF I	kaqe
14: Special Handling Instruction 15: 0 30: Store Store 20 11 3: 50 6503. Soil 1- 3: 50 6503. Soil 1- 3: 50 66013. BBH 16: GENERATOR'S/OFFERO marked and labeled/place 10: Exporter,Il certify that the vester min	is and Additional Informatio bonu Sistefant and Additional Additional Informatio Additional Additio	a 125 July 100 July	WEAR IL PARSEN WR 163 IL I or transport accor ms of the attached 7(a) (if I am a large	RVEL D ³¹ FP T 1	B, GLOVES, and accurately de ternational and nati nt of Consent. or (b) (if I am a sma	SCIENCIES CONTRACTOR C	e by the proper sh benta regulations, so has a solution by the proper sh rental regulations, so has a solutions, so has has a solutions, so has a solutions, so has a solutions, so has a	E PRC	PECTION PECTION CONTECTION CONTENT CONTENT CONTENT CONTENT CONTENT CONTENT CONTENT CONTENT CONTENT CONTENT CONTENT CONTENT CONTENT CONTENT CONTECTION CONT	Trent sified, pack am the Prin	kage nary
14: Special Handling Instruction 15: 0 30: Store Store 20 11 3: 50 6503. Soil 1- 3: 50 6503. Soil 1- 3: 50 66013. BBH 16: GENERATOR'S/OFFERO marked and labeled/place 10: Exporter,Il certify that the vester min	is and Additional Informatio bonu Sistefant and Additional Additional Informatio Additional Additio	a 125 July 100 July	WEAR IL PARSEN WR 163 IL I or transport accor ms of the attached 7(a) (if I am a large	RVEL D ³¹ FP T 1	B, GLOVES, and accurately de ternational and nati nt of Consent. or (b) (if I am a sma	SCIENCIES CONTRACTOR C	e by the proper sh benta regulations, so has a solution by the proper sh rental regulations, so has a solutions, so has has a solutions, so has a solutions, so has a solutions, so has a	E PRC	PECTION PECTION CONTECTION CONTENT CONTENT CONTENT CONTENT CONTENT CONTENT CONTENT CONTENT CONTENT CONTENT CONTENT CONTENT CONTENT CONTENT CONTECTION CONT	Trent sified, pack am the Prin	kageo nary
14: Special Handling Instruction to to a science of the 9b1, 506903, 5011 9b2, 506917, BH inco, senith inclinent an no 15. GENERATOR SIOFFERO marked and labeled/placa 16. Exporter, I certify that the' visit certify that the waster min Generators/Offeror's Printed/Ty GP1 to not science and bri	is and Additional Informatio on Usine and Usin	an Barrie Santa Breby declare that th s in proper condition at conform to the ten ed in 40 CFR 262/21 into ut central to the conformite of the conformation of the con	PRESENT PRESEN	RVEI, D ³ FP T 1	E/GLOVES and accurately de lemational and nat th of Consent. or (b) (fil am a sma 15300 (c) according to the 15300 (c) according to the	SCOGGEU scribed aboy ional governi all quantity ge	e by the proper sh nental regulations on and bit states nental regulations on and bit strue; on an an one	EL PRO	e, and are cla prime and are cla priment and 1 the class of the class priment and 1 the class of the class priment and 1 the class of the class the class of the class of the class the class of the class of the class the class of the class of the class of the class the class of the class of	Sified, pack am the Prim	kage nary
14: Special Handling Instruction 15: 506503, Soil 1- 5: 506503, Soil 1- 5: 506503, Soil 1- 5: 506613, Barrier - 15: GENERATOR'S/OFFERO marked and tabeled/place 16: Exporter, I certify that the wasternin Generator's/Offeror's Printed/Ty 16: International Shipments 16: International Shipments 17:	is and Additional Informatio Dou 1istrefant and Anterna anna anna anna anna anna anna anna	e di Desa	PR SEN PR SEN PR SEN PR SEN PR SEN PR SEN I SC I Company I Company	INVEL D ³¹ FP T 1 de consignment are fully, ding to applicable int EPA Acknowledgmen quantity generator) o Signature Signatur	E/GLOVES and accurately de lemational and nat th of Consent. or (b) (fil am a sma 15300 (c) according to the 15300 (c) according to the	SCOGOTI scribed aboy- lonal governa all quantity ge analog (2011) analog	e by the proper sh e by the proper sh nental regulations. A the exception inerator) is true:	Ipping nam	e, and are cla primer and 1 primer and 1 there is a second second there is a second second second second there is a second secon	ssified, pack am the Prim	kageo nary
14: Special Handling Instruction (5: 0 and special part is 9) 1. 506503. Soil 1. 9) 1. 506503. Soil 1. 9) 1. 506503. Soil 1. 9) 1. 506613. But 10: GENERATOR'S/OFFERO marked and labeled/place 10: Exporter, I certify that the v vill certify that the wasternin Generators/Offeror's Printed/Ty (1) 1. notisoill see and bri 16. International Shipments 16. International Shipments 17. Transporter Acknowledgmen	is and Additional Informatio botu Jishefan and Additional Informatio United and a second and a second rided, and are in all respects contents of this consignment imization statement identific ped Name 10 1900 00 p is ized in an information of sized in a information of sized in the free sized of materials of the sized in a sized of the s	e di Desse d	PRESENCE PRESENCE PRESENCE WR 160 160 contents of this contents of transport accord ms of the attached 7(a) (if I am a large 16 is the attached 7(a) (if I am a large 7(b) (if I am a large 7(b	RVEL D ³⁰ PP T 1 da consignment are fully ding to applicable int EPA Acknowledgmen quantity generator) of Signature/ Signature/ Export from USP2 a 24 Srift	e/ GLOVES, and accurately de lemational and nat nt of Consent. or (b) (if I am a sma 	SCOGOTI scribed aboy- lonal governa all quantity ge analog (2011) analog	B Start All B Star	Ipping nam	e, and are cla ipment and l ipment and l ipm	sified, pack am the Prin Day 10 10 10 10 10 10 10 10 10 10 10 10 10	kage nary ria sol
14: Special Handling Instruction to to a sension up off to 9: 1. S. 96.9903. So 1.1. 9: 2. S. 96.9903. So 1.1. 9: 2. S. 9: 2.1. 10: 2. S. 9: 3. S.	is and Additional Informatio on Usine Same Additional Informatio on Usine Same Additional Information on Usine Same Additional Information Informatio Informatio Informatio Information Information Informatio Inf	an an an an an an an an an an	PR SEN PR SEN PR SEN PR SEN PR 153 10 10 10 10 10 10 10 10 10 10 10 10 10 1	INVEL D ³¹ FP T 1 de consignment are fully, ding to applicable int EPA Acknowledgmen quantity generator) o Signature Signatur	e/ GLOVES, and accurately de lemational and nat nt of Consent. or (b) (if I am a sma 	SCOGOTI scribed aboy- lonal governa all quantity ge analog (2011) analog	e by the proper sh e by the proper sh nental regulations. A the exception inerator) is true:	Ipping nam	e, and are cla priment and 1 second are cla priment and 1 second are cla priment and 1 second are cla second are cla priment and 1 second are cla prime are	r (r y t ssified, pack and the Prim Day 21 21 21 21 21 21 21 21 21 21 21 21 21	kage nary ria sol
14: Special Handling Instruction 14: Special Handling Instruction 15: 5065903, Soil 1 19:12-506913 16: GENERATOR'SIOFFERO marked and labeled/placa 16: Exporter, I certify that the vaste min Generators/Offeror's Printed/Ty 19: 10: notestilizate at the 16: International Shipments 16: International Shipments 16: International Shipments 17: Transporter signature (for expo 17: Transporter Acknowledgmen Transporter 1: Printed/Typed Nai	is and Additional Information on Utsheltan and Compared to the Information of Compared to the Information Statement Identific period and are in all respects contents of this consignment imization statement Identific period Name 10 Source of the Compared to Source of the Compared to Source of the Compared to Source of the Compared to Source of the Compared to Source of the Compared to Source of the Compared to Source of the Compared to Source of the Compared to Source of the Compare	a of beaching and a second a s	PARSENSE PARSENSENSE PARSENSE PARSENSE PARSENSE PARSENSE PARSENSE PARSENSE PARSENSE PARSENSENSENSE PARSENSENSENSENSENSE PARSENSENSENSENSENSENSENSEN	RVEL D ³⁰ PP T 1 da consignment are fully ding to applicable int EPA Acknowledgmen quantity generator) of Signature/ Signature/ Export from USP2 a 24 Srift	e/ GLOVES, and accurately de lemational and nat nt of Consent. or (b) (if I am a sma 	SCOGOTI scribed aboy- lonal governa all quantity ge analog (2011) analog	n olzew all S P I A S i no be see any op e by the proper sh nental regulations. A rise action nerator) is true: a solides battle is notifies battle is not	rei PRC	PTISC T 1 St TISC	nth Day string to the Print Day Day to the Print Day Day to the Day	kager nary roisist st
14: Special Handling Instruction be to a sensitivity of the 9b1, 5065903, 3o11 9b2, 506913, Berlin 100, 39 nath inclusion and to 15. GENERATOR SIOFFERO marked and labeled/placa 16. Exporter, I certify that the vasig min Generator signature (or export 16. International Shipments 16. International Shipments 17. Transporter signature (for export 17. Transporter Acknowledgmen Transporter 1 Printed/Typed Nai Transporter 2 Printed/Typed Nai State 2 Printed/Typed Nai 18. International Shipments 19. International Shipments	is and Additional Information on United and Additional Information on United and Additional Information on United and Additional Information Information Statement Identific pred Namel 10 190000000 Cabilins in Addition on Cabilins in Addition on Cabilins in Addition on Cabilins in Addition on Cabilins in Addition on Cabilins in Addition on Cabilins in Addition on Cabilins in Addition on C	a di Della contrata di contrata di contrat	PR SENTER PR SEN	RVEL D ³⁰ FP T 1	B/GLOVE3 and accurately de ternational and nati nt of Consent. or (b) (iff am a sins to inf and a sins to inf pate leave A for of an pate leave anest brace of	scribed abovional governm all quantity ge scribed abovional governm all quantity ge scribed abovion scribed ab	e by the proper sh nental regulations. In a by the proper sh nental regulations. In a by the proper sh nental regulations. In a by the proper sh she by the proper sh nental regulations. In a by the proper sh she by the proper sh s	rei PRC	e, and are cla primer and i primer and i primer and i how a second biometric and i how a second biometric and biometric and biom	nth Day anth Day	
14: Special Handling Instruction 14: Special Handling Instruction 15: 05:05:00:3: 30:11 19:12: 5:05:00:3: 30:11 19:12: 5:05:00:3: 30:11 19:12: 5:05:00:12 10: 05:00:00:00:00:00:00 15: GENERATOR'S/OFFERO marked and labeled/placa 16: Exporter, I certify that the delt certify that the wasternin Generators/Offeror's Printed/Ty 10: notestificates at ba- 16: International Shipments 16: International Shipments 16: International Shipments 17: Transporter signature (for expo 17: Transporter Acknowledgmen Transporter 1: Printed/Typed Nai 19: 10: 00: 3: notestificates at ba- Transporter 2: Printed/Typed Nai 10: Discrepancy	is and Additional Information on Utsheltarn and Utsheltarn and Utsheltarn and Utsheltarn and Utsheltarn be Information Statement Identification is a stateme	a of Description	PARSON PA	RVEL D ³⁶ PP T 1	E/GIOVES and accurately de lemational and nat nt of Consent. or (b) (iff am a sma ison of the first and point a small source for ing pate leave accel biology of the conset biol	Scibed aboy ional governin all quantify ge arise of Con- hg U(s):	e by the proper sh and op e by the proper sh nental regulations, and a standard of a standard constant of the secology of the constant of the secology of the constant of the secology of the secology of the constant of the secology of the	ipping nam if export si	e, and are cla priner and i priner and i priner and i the second second biological s	nth Day nth Day nth Day	kage nary State St
14: Special Handling Instruction 14: Special Handling Instruction 15: SP 65903. Soil 1. 19: 2.506913. But 19: 2.506913. But 19: 2.506913. But 19: 2.506913. But 10: 19: 2.506913	is and Additional Informatio on Utsheltan and UTRISCATION THE RESCRETTIFICATION. The rded, and are in all respects contents of this consignment imization statement identifi ped Name 10 Source on Cablinson Association on Cablinson Association and Cablinson Associ	a ci beachairte anno 1990 a 1995 anno 1995 a 1995 anno 1995 a ci beachairte anno 1995 a ci beach	PRESENCE PRE	RVEL D ³⁶ PP T 1	E/GLOVE3	scribed abovional governmall quantity get the second secon	blast and a proper share of the proper sh	rei PRC	e, and are cla primer and 1 primer and 1 here cla primer and 1 her	nth Day anth Day	kage nary State St
14: Special Handling Instruction be to a second point in 9: 1. S. 96: 9: 0.3. So 1. 1. 9: 1. S. 96: 9: 0.3. So 1. 1. 9: 1. S. 9: 0.5. 9: 0.3. So 1. 1. 9: 1. S. 9: 0.5. 9: 0.3. So 1. 1. 9: 1. S. 9: 0.5	is and Additional Information on Ulsified and Information of RS CERTIFICATION: The rided, and are in all respects contents of this consignmer limitation statement identifi ped Namel 10 150mm on the Labitistic of the Construction of Labitistic of Materials (Con- mer Seaw and Construction of Construction of Construction of Construction of Construction of Construction of Construction of Construction of Construction of Construction of Constructio	a of Description	PRESENCE PRESENCE PRESENCE PRESENCE PRESENCE PRESENCE In transport account in transport accou	RVEL D ³⁶ PP T 1	E/GIOVES and accurately de lemational and nat nt of Consent. or (b) (iff am a sma both of the small size (for the small size) (for the	scribed abovional governmall quantity get the second secon	Bolzen All SPLAS	Ipping nam If export si Income the second se	e, and are cla primer and 1 primer and 1 here cla primer and 1 her	nth Day nth Day nth Day	kage nary State St
14: Special Handling Instruction 14: Special Handling Instruction 15: GENERATOR StoFFERO marked and labeled/placa 16: GENERATOR StOFFERO marked and labeled/placa 17: Exporter, I certify that the visit certify that the wasig min Generators/Offeror's Printed/Type 19: ordesall certify that the vasig Transporter signature (for expo 17: Transporter Acknowledgmen Transporter 1 Printed/Typed Nai Species 2 Printed/Typed Nai Transporter 2 Printed/Typed Nai Transporter 2 Printed/Typed Nai Species 2 Printed/Typed Nai Species 2 Printed/Typed Nai 18: Discrepancy, Indication, Spe Scison principing tagong a di cosoport la pi social 18: Alternate Facility (or General 18: Alternate Facility (or General	is and Additional Informatio on Ulsite Same Information and Information and Ulsite Same Information Same RCS CERTIFICATION: The rided, and are in all respects contents of this consignment information statement identified rided, and are in all respects contents of this consignment information statement identified right on statement ide	a ol De la companya d	PR SERIE PR SERIE PR SERIE PR SERIE PR SERIE PR SERIE Internet of this (for transport accor- ms of the attached (a) (ff I am a large (a) (ff I am a large (a) (ff I am a large (b) (b) (b) (b) (b) (b) (c)	RVEL D ³⁶ PP T dig to applicable int EPA Acknowledgmen quantity generatory of Signature Export from U.Suz a Signature Signature Signature Signature	B/ GLOVE3	Scribed abovional governm all quantity ge and governm all quantity ge series of series ing Uts: the series the	blass and a proper share of a proper share	retion	e, and are cla primer and 1 primer and 1 here cla primer and 1 her	nth Day nth Day nth Day	kagen nary Zasti Sasti Sasti Sasti Sasti
14: Special Handling Instruction b) 1. S. 96.903. So. 1.1. 9: 1. S. 96.903. So. 1.1. 16: GENERATOR StOFFERO marked and labeled/placa 16: Exporter, I certify that the virit certify that the wasig min Generator store in the wasig min 16: International Shipments 17: Transporter store in the store Transporter 2 Printed/Typed Nai 18: Discrepancy 18: Discrepancy 18: Discrepancy 18: Alternate Facility (or Generator 18: Chief and the wasig 18: Alternate Facility (or Generator 18: Discrepancy 19: 10: 10: 10: 10: 10: 10: 10: 10: 10: 10	is and Additional Information on Listerian and Control of Control	a of Design of the second of t	PRESENCE PRESENCE PRESENCE PRESENCE PRESENCE PRESENCE PRESENCE PRESENCE PRESENCE FOR THE PRESENCE IN PROPERTY CONTRACTOR CONTRACTON CONTRACTOR CONTRACTOR	RVEL D ³⁶ PP T dig to applicable int EPA Acknowledgmen quantity generatory of Signature Export from U.Suz a Signature Signature Signature Signature	B/GLOVE3 and accurately de ismational and nati nt of Consent. in to for the former boot of the former ison o	Scribed abovional governm all quantity ge and governm all quantity ge series of series ing Uts: the series the	blast and a proper share a point	retion	e, and are cla primer and 1 primer and 1 here cla primer and 1 her	nth Day 2. 2. The Day 2. 2. 3. a que 3. a que 3. a que 3. a que 4. a que 5. a	kegenary kegena
14: Special Handling Instruction 14: Special Handling Instruction 15: GENERATOR StoFFERO marked and labeled/placa 16: GENERATOR StoFFERO marked and labeled/placa 16: Exporter, I certify that the virit certify that the wasig min Generator stofferor's Printed/Ty 16: International Shipments 16: International Shipments 17: Transporter signature (for expo 17: Transporter Acknowledgmen Transporter 1: Printed/Typed Nai Transporter 2: Printed/Typed Nai Transporter 2: Printed/Typed Nai 18: Discrepancy 18: Discrepancy 18: Discrepancy 18: Discrepancy 18: Discrepancy 18: Discrepancy 18: Discrepancy 18: Discrepancy 19: Constants Facility (or Generator 19: Co	is and Additional Information on Listerian and Comparison and Listerian and Comparison and Compa	Provide a service of the service of	PRESENCE PRE	RVEL D ³⁰ PP T dig to applicable int EPA Acknowledgmen quantity generator) of Signature Export from U.Sec 2 Signature Signature Signature	B/GIOVES and accurately de termational and nati nt of Consent. To for other to for other to for other and the state of the to for other and the state of the termination of the state of the state of the termination of the state of the state of the termination of the state of the state of the state of the termination of the state of the state of the state of the termination of the state of the state of the state of the state of the termination of the state of the	Scribed aboy ional governin all quantity ge instant i Gitt Scribed aboy all quantity ge issue of ion issue of	A SPLAS	rei PRC	e, and are cla print and i print and i print and i set of the set of the set of the set	nth Day nth Day nth Day recommended recomm	
14: Special Handling Instruction 14: Special Handling Instruction 15: SP 65903 So 11 19: 2506913 16: GENERATOR SIOFFERO marked and labeled/placa 16: EENERATOR SIOFFERO marked and labeled/placa 16: International Shipments 17: Transporter Signature (for expo 17: Transporter Signature (for expo 18: Discrepancy Indication Spa orush philogina hadong a di 2002 of la place 18: Alteinate Facility (or Gener Bool and Iship Energicity (or Ge	is and Additional Information on Additional Information of RS (RATA) I - STATE I I - STATE	a of Density declare that the sin proper condition at conform to the ten- ed in 40 CFR 26222 many temporer of the conformation of the conformation of the conformation of the conformation of Density of the test of the conformation of Density of the test of the conformation of the confor	PRESENCE PRE	BVEL D ³⁰ FP 1 consignment are fully ding to applicable ini EPA Acknowledgmer quantity generatory of Signature Si	B/ GIOVES and accurately de lemational and nat nt of Consent. or (b) (iff am a sma 1500 m 2 and sma 200 m 2 and sma 200 m 2 and say 200 m 2 an	Scribed aboy ional governin all quantity ge instant i Gitt Scribed aboy all quantity ge issue of ion issue of	A SPLAS	rei PRC	e, and are cla print and i print and i print and i set of the set of the set of the set	nth Day nth Day nth Day recommended recomm	
14: Special Handling Instruction 14: Special Handling Instruction 15: GENERATOR StoFFERO marked and labeled/placa 16: GENERATOR StoFFERO marked and labeled/placa 16: Exporter, I certify that the vestig min Generator stofferor's Printed/Ty 16: International Shipments 16: International Shipments 16: International Shipments 17: Transporter signature (for expo 17: Transporter Acknowledgmen Transporter 1: Printed/Typed Nai Transporter 2: Printed/Typed Nai 18: Discrepancy 18: Discrepancy 18: Discrepancy 18: Discrepancy 18: Discrepancy 18: Discrepancy 18: Discrepancy 18: Discrepancy 18: Discrepancy 19: Discrepa	is and Additional Information on Additional Information of RS (RATA) I - STATE I I - STATE	A clipping of the second secon	PRESENCE PRE	BVEL D ³⁰ FP 1 consignment are fully ding to applicable int EPA Acknowledgmer quantity generator) of Signature Si	B/ GIOVES and accurately de lemational and nati nt of Consent. The Con	Siched aboy ional governia all quantity ge all quantity ge interest of some interest of some interest	Bolden And And And And And And And And And An	ipping nam If export si in a second size of the sec	e, and are cla point and l iterations in the second iteration of the second it	nth Day 24 24 10 24 11 24 11 24 12 14 14 10 14 1	
14: Special Handling Instruction 14: Special Handling Instruction 15: SP 65903, So 11 19: 2506913 16: GENERATOR SIOFFERO marked and labeled/placa 16: EENERATOR SIOFFERO marked and labeled/placa 16: International Shipments 17: Transporter Signature (for expo 17: Transporter Signature (for expo 18: Discrepancy Indication Spa orush philogina hadong a di 2002 of lis of expo 18: Official Energy (indication Spa orush philogina hadong a di 2002 of lis of expo 18: Official Energy (or Genergy 18: Official Energy) (or Genergy) 18: Official Energy) (or Genergy) 19: Official Ene	is and Additional Information on Additional Information of Research and a second and a second intraction statement identific ped Name 10 1900 on on traction statement identific ped Name 10 1900 on on traction statement identific ped Name 10 1900 on on tractions and a second and traction statement identific ped Name 10 1900 on on tractions and a second and traction statement identific ped Name 10 1900 on on tractions and a second and traction	A cl. Den. Control of the second sec	PRESENCE PRE	RVEL D ³⁰ FP 1 consignment are fully ding to applicable int EPA Acknowledgmen quantity generator) of Signature Si	B/ GLOVE3 and accurately de ternational and nati nt of Consent. or (b) (if I am a sma 1.53 of must be represented by a small control of the second control	Signature of the second	Bolzew All A B P LAS S P LAS	rei PRC	e, and are cla primer and 1 ipment and 1 imment and 1 imm	nth Day nth Day nth Day 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	

•••

E	PA Fo	rm 8700	-22 (Rev.	3-05) Prev	ious editio	ns are obsolet	e. '	
. 1		-			· · ·		1 4 1	14 1

O VEOLIA ENVIRONMENTAL SERVICES

WASTESTREAM INFORMATION PROFILE

□Recertifica	tion				Disposal Code
Veolia ES LO	CATION <u>170</u>	<u>)4 West 1st Street</u>	Azusa	CA ST	·····
Invoice A	Address ADE	RESS	CITY	ST	
Manifest	from – blank if direct				
Veolia ES TSI	DF requested <u>AZUSA</u> Techno	logy requested	Generator No	Generator EPA	ID No. CAR000242073
1. Generator	r Name_Former Unocal 37'1:	572		Generator State	No. <u>N/A</u>
Address 3	645 San Pablo Ave			State Wastestrea	um No. <u>N/A</u>
City Eme	ryville		State <u>CA</u>	Country USA ZIP <u>94608</u>	
NAICS (S	SIC) Code	<u>562910</u> Sourc	e Origin _	Form Sy	stem Type
2. Waste Na	me <u>Soil contaminated with l</u>	ead Non-RCRA haze	ordone	Lab or Wa	osta Arag
				sociated with UST Corrective A	
	Name <u>Non RCRA</u> Hazardo			sociated with OST Corrective 2	ACTION 40 CPIX I AIT 200
Hazard Class		RQ amt <u>0</u> lb	with Dead)		
I		NQ ann <u>o</u> n	1		
RQ Desc:	1. N/A		2.		
DOT Desc:	1.		2.		
5. Waste Co	des		<u></u>		
Wastewat			lategory		
6. Physical a pH	nd chemical properties Specific G	(check all the	at apply) Point (F)	Solids	}
a $\square < 2$			< 80	_ % suspended	unk % ash
b 🗌 2 - 5		1.0 b	80 - 100	100 % settleable	water solubility
с 🗌 5-9	c 1.0		101 - 140	% dissolved	<u><2 000</u> BTU/lb
d \square 9 - 12.5 e \square > 12.5	5 $d \bigsqcup 1.0$ $e \bigsqcup > 1$		141 - 200 > 200		
N/A solid e	, —		no flash <u>exact</u>	Free Liquid Range _to _%	
Phy	sical State	Hazar	dous Characteristics		Odor
s 🛛 solid	a 🗌	air reactive	_	or NRC regulated	a none 🖂
m semi-so		water reactive cvanide reactive	s shock sensi		b mild c strong
	ble semi-solid f	sulfide reactive	t L temp sensiti m D polymerizat	ion/monomer	describe
· = · ·	le powder e	explosive	n OSHA care		
g 🔲 gas	0	oxidizing acid	I infectious		Halogens
a 🗌 aerosol	p	peroxide former	h 🔄 inhalation h	azard Zone:	Br % Bromine
	ized liquid per 40 CFR 268.45				Cl % Chlorine F % Fluorine
h \square sharps	501 40 CFR 208.45				l % Iodine
Layers:	amultilayered:	b 🗌 bi-la	yered:	c 🛛 single phase:	
	Top Layer	S	econd Layer	Bottom Layer	Color
Viscosity	high (syrup)	and the second se	high (syrup)	high (syrup)	<u>Varies</u>
by Layer:	medium (oil)		medium (oil) low (water)	☐ medium (oil) ☐ low (water)	
	solid		solid	\boxtimes solid	
Used oil y/n]	<u>N</u> HOC <1000 ppm□o	r > 1000 ppm	page 1 of 2		

7. Chemical Composition [M = Marine Pollutant, S - Severe Marine Pollutant, O = Ozone Depleting Substance, U = Underlying Hazardous Constituent,

e Medera (nee europe) (1996) - Céléfér d'All March (1977) - Célémini Maeres (1971) - Angel (1977) -

B = Benzene NESHAP, T = 7 Constituents	RI Chemical, $C = C$ Range	OSHA Carcinog Units	en] Constituents	Range	Units
Soil	95-100	%			
See attached spreadsheet and analytical					
Debris	0-5	%			
	,				
Total Composition Must Equal or Exceed 100%					
Other:				_	
8. Is the wastestream being imported into the USA?			Yes	No 🔀	
 Does the wastestream contain PCBs regulated by - PCB concentrationp pm 	40CFR?		Yes	No 🔀	
10. Is the wastestream subject to the Marine Pollutant	Regulations?		Yes	No 🔀	
11. Is the wastestream subject to Benzene NESHAP?	5		Yes	No \boxtimes	
If yes, is the wastestream subject to Notification a	nd Control Requi	irements?	Yes	No 🔀	
Benzene concentration ppm 12. Is the wastestream subject to RCRA subpart CC c	antrols?		Vec	No 🖂	
Volatile organic concentration, if known pr			103		
CC approved analytical method 🗌 🛛 Generator I	Knowledge 🗌			_	
13. Is the wastestream from a CERCLA or state mand	ated cleanup?		Yes 🖂	No 🗌	
Other Shipping Frequency: Units 2 Per Month [Quarter] Υε	ar 🗌 One Time 🗌 🛛 Other <u>As neede</u> e	<u>i</u>	
15. Additional Information:					
Wear Level D PPE / Gloves / Safety Goggles/Splas	h Protection				
Please see reports 213332, 214075, 217460					
Is analytical or an MSDS available that describes the	waste?	Yes 🛛 🛛 N	lo 🗌 If yes, please attach.		
GENERATOR CERTIFICATION I hereby certify that all information submitted in this a	nd all attached d	locumente o	ontains true and accurate descriptions of this	wasto Any comple	an here itted
is representative as defined in 40 CFR 261 - Appendi:					
the possession of the generator has been disclosed. I					
Robert Larsen as agent for CEMC			510-420-0700	11-1-201	3
NAME (PRINT OR TYPE	· · · · · · · · · · · · · · · · · · ·			DATE	
				DITL	
Hobert Charm, as agant for CErric	-		SME/Conestoga-Rovers and Asso	ciates	
SIGNATURE			TITLE		
FACILITY NOTIFICATION					

TSDF PROCESSING USE ONLY: PPE REQUIRED	No	Yes	Describe	· · · · · · · · · · · · · · · · · · ·
	PAGE 2 C			
				WIP No

OVEOLIA ENVIRONMENTAL SERVICES

WASTESTREAM INFORMATION PROFILE

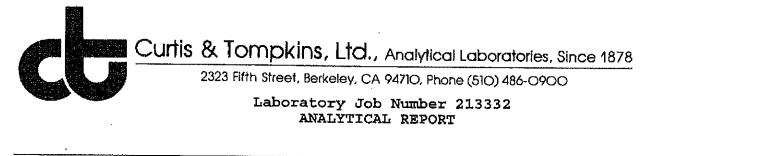
Recertificat	tion						Disposal Code
Veolia ES LO		<u>1704 West 1st</u> ADDRESS	<u>Street</u>	<u>Azusa</u> City		CA ST	
Manifest :	from – blank if direct						
Veolia ES TSI	DF requested <u>AZUSA</u> Te	chnology reque	sted Genera	ator No	Ger	ierator EPA ID N	No. CAR000242073
1. Generator	• Name_Former Unocal	<u>.</u> 371572			Ger	ierator State No.	<u>N/A</u>
Address <u>3</u>	<u>645 San Pablo Ave</u>				Stat	te Wastestream N	No. <u>N/A</u>
City <u>Emer</u>	<u>yville</u>		S	tate <u>CA</u> C	ountry <u>USA</u>	ZIP <u>94608</u>	
NAICS (S	IC) Code	<u>562910</u>	Source	Origin	Form	Syster	n Type
3. Process G	me <u>Corrosive liquid, ba</u> enerating Waste <u>Invest</u> Name RO, UN3266, W	igation or reme					
Hazard Class			ımt <u>≥100</u> lb	<u>guillet nos (Curci</u>	uni nguloxide di	to calefulli oxide	
1		Gin KQ	Imt <u>~100</u> 10				
RQ Desc:	1. D002≥100lbs			2.			
DOT Desc:	1. Waste Corrosive Li	quid, basic, ino	rganic	2.			
5. Waste Co	des <u>D002</u> <u>122</u>				<u> </u>	<u></u>	<u></u>
Wastewat		stewater 🔀	Sub Category				
b. Thysical a pH a $\square < 2$ b $\square 2 - 5$ c $\square 5 - 9$ d $\square 9 - 12.5$ $_$ exact	a b c	fic Gravity] < .8] .8 - 1.0	theck all that applyFlash Point (Fa < 80 b80 - 100c101 - 14d141 - 20e ≥ 200 fno flash	n) 0 40 00	0-5 % sett 0-5 % dis:	pended :leable solved ange 9 <u>5 to 100 9</u>	<u>unk</u> % ash water solubility _<2 000 BTU/lb
Phv	sical State		Hazardous Cl	haracteristics			Odor
s solid m semi-so l liquid p pumpab	ź	w water read c cyanide read c sulfide read c sulfide read c explosive	re r otive s eactive t active m n	 radioactive or shock sensitive temp sensitive polymerizatio OSHA carcin 	e n/monomer	c	a none 🛛 b mild 🗍 c strong 🗍 describe
<u> </u>		o 🗌 oxidizing o 🗌 peroxide	former h	infectious inhalation haz	zard Zone: _		Halogens Br % Bromine Cl % Chlorine F % Fluorine I % Iodine
Layers:	a multilayered:		b 🛛 bi-layered:		c 🗌 single phas		<u></u>
Viscosity by Layer:	Top Laye high (syrup medium (oi low (water) solid)	Second L high (s mediur low (w solid	yrup) n (oil)	Bottom I high (sy medium low (wa solid	rup) (oil)	Color <u>Varies</u>
Used oil y/n <u>I</u>	<u>N</u> HOC <1000 ppm	or > 1000 pp	m	page 1 of 2		.	

7. Chemical Composition [M = Marine Pollutant, S - Severe Marine Pollutant, O = Ozone Depleting Substance, U = Underlying Hazardous Constituent,

· · · · -

Constituents	'= TRI Chemical, C = C Range	Units	Constituents	Range	Units
Water	95-100	%			
Sediment (Portland Cement)	0-5	%			
Calcium Hydroxide	Trace				
Calcium Oxide	Trace				
 Total Composition Must Equal or Exceed 100% Other: 8. Is the wastestream being imported into the US/ 9. Does the wastestream contain PCBs regulated I PCB concentrationp pm 10. Is the wastestream subject to the Marine Pollut 11. Is the wastestream subject to Benzene NESHA If yes, is the wastestream subject to Notificatio Benzene concentration ppm 12. Is the wastestream subject to RCRA subpart Co Volatile organic concentration, if known CC approved analytical method Generate 	by 40CFR? ant Regulations? P? n and Control Requi C controls? _ ppmw or Knowledge □	irements?			_ L
	ner marking if know. _ Bulk Liqu	iid 🗌 Typ	e/Size: Drum ⊠Type/Size: DN	A/55 Gallons	
 14. Container Information (Identify UN contain Packaging: Bulk Solid Type/Size: Other Shipping Frequency: Units 1 Per Month 15. Additional Information: Wear Level D PPE / Gloves / Safety Goggles/Sp 	ner marking if know. Bulk Liqu	iid 🗌 Typ	e/Size: Drum 🖾 Type/Size: DN	A/55 Gallons	
Other	her marking if known Bulk Liqu Quarter lash Protection he waste?	iid 🗌 Typ] Ye Yes 🖾 N locuments c a equivalent	e/Size: Drum ⊠Type/Size: DN	<u>M/55 Gallons</u> de d his waste. Any sample ng known or suspected	hazards in
 14. Container Information (Identify UN contain Packaging: Bulk Solid Type/Size:Other OtherShipping Frequency: Units 1 Per Month 15. Additional Information: Wear Level D PPE / Gloves / Safety Goggles/Sp Water used to decon grout tools Is analytical or an MSDS available that describes t GENERATOR CERTIFICATION I hereby certify that all information submitted in the is representative as defined in 40 CFR 261 - Appent the possession of the generator has been disclosed. 	her marking if knows Bulk Liqu Quarter lash Protection he waste?	iid 🗌 Typ] Ye Yes 🖾 N locuments c a equivalent	e/Size: Drum Type/Size: DM	M/55 Gallons de d his waste. Any sample ng known or suspected m.	hazards ir
 14. Container Information (Identify UN contain Packaging: Bulk Solid Type/Size:OtherShipping Frequency: Units 1 Per Month 15. Additional Information: Wear Level D PPE / Gloves / Safety Goggles/Sp Water used to decon grout tools Is analytical or an MSDS available that describes t GENERATOR CERTIFICATION I hereby certify that all information submitted in the possession of the generator has been disclosed	her marking if knows Bulk Liqu Quarter lash Protection he waste?	iid 🗌 Typ] Ye Yes 🖾 N locuments c a equivalent	e/Size: Drum Type/Size: DM	M/55 Gallons de d his waste. Any sample ng known or suspected on. (1.1.20 DATE	hazards ir

TSDF PROCESSING USE ONLY: PPE REQUIRED	No	Yes	Describe	
	PAGE 2 G	OF 2		
				WIP No



Northgate Environmental Management	Project : 1141.08
300 Frank H. Ogawa Plaza	Location : Placeworks
Oakland, CA 94612	Level : II

<u>Sample ID</u>	Lab ID
B01-2.5	213332-001
B06-4.0	213332-002
B12-3.0	213332-003
B13-4.0	213332-004
B16-2.5	213332-005

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signatures. The results contained in this report meet all requirements of NELAC and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

ma Signature: Project Manager Signature:

Senior Program Manager

NELAP # 01107CA

...

Date: <u>07/13/2009</u>

Date: <u>07/13/2009</u>



CASE NARRATIVE

Laboratory number: Client: Project: Location: Request Date: Samples Received: 213332 Northgate Environmental Management 1141.08 Placeworks 07/07/09 07/07/09

This data package contains sample and QC results for five soil samples, requested for the above referenced project on 07/07/09. The samples were received cold and intact.

TPH-Furgeables and/or_BTXE by GC (EPA 8015B):

High surrogate recovery was observed for bromofluorobenzene (FID) in the method blank for batch 152696; no target analytes were detected in the sample. High surrogate recoveries were observed for trifluorotoluene (FID) in the method blank/MS/MSD for batch 152696. No other analytical problems were encountered.

TFH-Extractables by GC (EPA 8015B):

B12-3.0 (lab # 213332-003) was diluted due to the dark and viscous nature of the sample extract. No other analytical problems were encountered.

Volatile Organics by GC/MS (EPA 8260B):

No analytical problems were encountered.

Metals (EPA 6010B):

No analytical problems were encountered.

	northgate environmental nanagement, inc.				CHAI	NOF	cusi	IODY	/ AN/	ALYS	SES F	REQU	EST	FORM	ส		er ; - ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ;
Project No.:		1141.08	Project Location	:	Emery	ville, C.	Ą				Date:			71	2/2009	Serial No.:	
Project Name:		<u>12 P</u>	aceworks		Field Lo	gbook	No.:										
Sampler (Sign	ature)	<u>~ </u>	14			<u> </u>				ANAL	YSES					Samplers:	
		Sample	S	ı———	r											JWO	
Sample No.	Date	Time	Lab Sample No.	No. of Containers	Sample Type	TPH gas, diesel, motor oil	VOCs (8260B)	5 LUFT Metals						НОГР	RUSH		
B01-2.5	7/2/2009	1350	· · · · · · · · · · · · · · · · · · ·	1	Soil	x	X	X						<u> </u>	X		ARKS 2 Hour TAT
806-4.0	7/2/2009			1	Soil	X	x	X					·		x	<u></u>	2 HOUF TAT
7 B12-3.0	7/2/2009	1600		1	Soil	X	X	X								Report results to:	······
1813-4.0	7/2/2009	1630		1	Soil	X	X	Х							X		nsky@ngem.com
Bigge Bil	5-25 7/2/2009	1700		1	Soil	X	X	Х						····	X	josh.otis@ng	
0,00]										
	· · ·																
						<u> </u>											
	<u> </u>																
				*													
	· · ·																
Relinquished b (Signature)	* John	1 fa	:	Date 7/7/	, 99	Time 135	2	l Receiv (Signa	-	6	27	 L	Pan	 ~a	L	Date 7/7/09	Time 1352
Relinquished b	f.			Date		Time		Receiv						ク	7	Date	Time
(Signature)								(Signa						-	-		1006
Method of Ship	ment:	· ·		Date	Time	Comm		1.5.5.14								i	<u>l.,,,</u>
Sample Collect	300 Frank I Oakland, Ca	l Ogawa alifornia (ental Managemer Plaza, Suite 510 94612 / fax - (510) 839			Analyti	cal Lat	boratoi	γ:			∙Cu	ırtis &	Tompk	ins		· · · ·

.

ي. د

.

ż

COOLER R	ECEIPT CHECI	KLIST		Curtis &	Tompkins, Ltd.
Login # <u>21</u> Client <u>D6</u>	3332 E	Date Received 7 Project	17/09 Dt EMIERY	Number of coole	IS
Date Opened Date Logged	7/7/09 By(in By(print) <u>M. VILLA</u> print)	UULA(sign) (sign)	And f	Tur
1. Did cooler Shipp	come with a shipp ing info	ping slip (airbill, etc)		YE	s Guo
How the 2B. Were custs 3. Were custs 4. Were custs 5. Is the proj 6. Indicate the Data But	nany tody seals intact u dy papers dry and dy papers filled o ect identifiable fro packing in coole ble Wrap	Name Name pon arrival? intact when received ut properly (ink, sign om custody papers? (I r: (if other, describe) Foam blocks	l? ed, etc)? f so fill out top Bags	DateYE	NO NO NO
	th material		🔲 Styrofoam	🔲 Paper te	owels .
Туре	of ice used: 🗌 W	/et Blue/Gel	□ None	Temp(°C)	
E Sar	nples Received or	n ice & cold without a	a temperature b	olank	
🗋 Sai	nples received on	ice directly from the	field. Cooling	process had begu	n.
8. Were Met If YE	nod 5035 samplin S, what time were	g containers present? they transferred to fr	eezer?		YES A
9. Did all bot	les arrive unbroke	en/unopened?			KES NO
10. Are samp	les in the appropr	iate containers for inc	dicated tests?		YES NO
		n good condition and with custody papers?		<u>`</u>	YES NO
		ample sent for tests re			YES NO
	mples appropriate	ly preserved?		YES	NO MA
		in VOA samples?		YES	NO MA
16. Was the c	lient contacted co	ncerning this sample	delivery?		YES GO
If YE:	S, Who was called	!?	By	Date:	-
					······································
		······································			
					·····
	*			······	· · · · · · · · · · · · · · · · · · ·
				· · · · · · · ·	
COD Volume	Clinat Construct			n	
SOP Volume: Section:	Client Services 1.1.2				6 Number 1 of 3 ve: 23 July 2008
Page;	1 of 1	Z:\	qc\forms\checklis	ts\Cooler Receipt Cl	

1 _f /



		Volatii	e Hydrocarb	30.57.5 (State)	
Lab #: 213332			Location:	Placeworks	
Client: Northgate Environme	ental Mana	agement	Prep:	EPA 5030B	
Project#: 1141.08		<u> </u>	Analysis:	EPA 8015B	
Matrix: Soil Units: mg/Kg			Batch#:	152696	
Units: mg/Kg Basis: as received			Sampled:	07/02/09	
Diln Fac: 1.000			Received:	07/07/09	
		.	Analyzed:	07/08/09	
Field ID: B01-2.5					
			Lab ID:	213332-001	
Type: SAMPLE					
Analyte		(estalt)			
Gasoline C7-C12	ND			1.0	
	STATES OF ST				
Trifluorotoluene (FID)	107	54-152			
Bromofluorobenzene (FID)	119	50-152	•		
					•
Field ID: B06-4.0			Lab ID:	213332-002	
Type: SAMPLE					
Analyte	4.6224 - 20	(esudta in			
Analyte Gasoline C7-C12	ND	esidlesis		1.0	
Gasoline C7-C12	ND			1.0	
Gasoline C7-C12 Surrogate	ND 8RFC	1.1.1.mintsre		1.0	
Gasoline C7-C12 Surrogate Trifluorotoluene (FID)	ND 8850 110			1.0	
Gasoline C7-C12 Surrogate	ND 8RFC	1.1.1.mintsre		1.0	
Gasoline C7-C12 Surrogate Trifluorotoluene (FID)	ND 8850 110			1.0	
Gasoline C7-C12 Surrogate Trifluorotoluene (FID) Bromofluorobenzene (FID)	ND 8850 110				
Gasoline C7-C12 Surrogate Trifluorotoluene (FID) Bromofluorobenzene (FID) Field ID: B12-3.0	ND 8850 110		Lab ID:	1.0 213332-003	
Gasoline C7-C12 Surrogate Trifluorotoluene (FID) Bromofluorobenzene (FID)	ND 8850 110		Lab ID:		
Gasoline C7-C12 Surrogate Trifluorotoluene (FID) Bromofluorobenzene (FID) Field ID: B12-3.0	ND 8850 110	54-152 50-152	Lab ID:		
Gasoline C7-C12 Surrogate Trifluorotoluene (FID) Bromofluorobenzene (FID) Field ID: B12-3.0	ND 8850 110				
Gasoline C7-C12 Surrogate Trifluorotoluene (FID) Bromofluorobenzene (FID) Field ID: B12-3.0 Type: SAMPLE Analyte Gasoline C7-C12	ND 8850 110	E901E		213332003	
Gasoline C7-C12 Surrogate Trifluorotoluene (FID) Bromofluorobenzene (FID) Field ID: B12-3.0 Type: SAMPLE Gasoline C7-C12 Surrogate	ND 110 113	Ejumi + 65 54 - 152 50 - 152 (CSU - 152 (CSU - 152) (CSU - 152) (C		213332003	
Gasoline C7-C12 Surrosate Trifluorotoluene (FID) Bromofluorobenzene (FID) Field ID: B12-3.0 Type: SAMPLE Gasoline C7-C12 Surrorate Trifluorotoluene (FID)	ND 110 113 113 103	E-Juni 1.6 54 - 152 50 - 152 Cest) E.S. 1.4 X 54 - 152		213332003	
Gasoline C7-C12 Surrogate Trifluorotoluene (FID) Bromofluorobenzene (FID) Field ID: B12-3.0 Type: SAMPLE Gasoline C7-C12 Surrogate	ND 110 113	Ejumi + 65 54 - 152 50 - 152 (CSU - 152 (CSU - 152) (CSU - 152) (C		213332003	
Gasoline C7-C12 Surrosate Trifluorotoluene (FID) Bromofluorobenzene (FID) Field ID: B12-3.0 Type: SAMPLE Gasoline C7-C12 Surrorate Trifluorotoluene (FID)	ND 110 113 113 103	E-Juni 1.6 54 - 152 50 - 152 Cest) E.S. 1.4 X 54 - 152		213332003	
Gasoline C7-C12 Surrogate Trifluorotoluene (FID) Bromofluorobenzene (FID) Field ID: B12-3.0 Type: SAMPLE Gasoline C7-C12 Surrogate Trifluorotoluene (FID) Bromofluorobenzene (FID)	ND 88°C 110 113 113	E301152 50-152 (e3016) 1.4 X bimites 54-152 50-152		213332003	
Gasoline C7-C12 Surrogate Trifluorotoluene (FID) Bromofluorobenzene (FID) Field ID: B12-3.0 Type: SAMPLE Gasoline C7-C12 Surrogate Trifluorotoluene (FID) Bromofluorobenzene (FID) *= Value outside of QC limits	ND 110 113 113 103 121 5; see nar	534-152 50-152 (esult: 1.4 X (iii)(esult) 54-152 50-152 (rative		213332-003 1.0	
Gasoline C7-C12 Surrosate Trifluorotoluene (FID) Bromofluorobenzene (FID) Field ID: B12-3.0 Type: SAMPLE Gasoline C7-C12 Casoline C7-C12 Surrosate Trifluorotoluene (FID) Bromofluorobenzene (FID) *= Value outside of QC limits Y= Sample exhibits chromatogr	ND 110 113 113 103 121 5; see nar	534-152 50-152 (esult: 1.4 X (iii)(esult) 54-152 50-152 (rative		213332-003 1.0	
Gasoline C7-C12 Surrogate Trifluorotoluene (FID) Bromofluorobenzene (FID) Field ID: B12-3.0 Type: SAMPLE Gasoline C7-C12 Surrogate Trifluorotoluene (FID) Bromofluorobenzene (FID) *= Value outside of QC limits	ND 110 113 113 103 121 5; see nar	534-152 50-152 (esult: 1.4 X (iii)(esult) 54-152 50-152 (rative		213332-003 1.0	

Page 1 of 2

.....

5.D



1.2.117.244.3557.260.2					
		Total volatio			
Lab #;	213332		Location:	Placeworks	
Client:	Northgate Environme	atal Management	Prep:	EPA 5030B	
Project#:			Analysis:	EPA 8015B	
Matrix:	Soil		Batch#:	152696	
Units:	mg/Kg		Sampled:	07/02/09	
Basis:	as received		Received:	07/07/09	
Diln Fac:			Analyzed:	07/08/09	
		·····		······	
Field ID:	B13-4.0		Lab ID:	213332-004	
Type:	SAMPLE			213302 004	
	1Analyte: 1	Resource		PDU AN THE ACCOUNTS	
Gasoline	<u>C7-C12</u>	4.3	ł .	1.0	·
	-Surcoustel				
	toluene (FID)	110 54-152			·
Bromofluc	probenzene (FID)	121 50-152			
Field ID:	B16-2.5		Lab ID:	213332-005	
Type:	SAMPLE				
and the second se		and the second			and the second
The second s	Aralyton	Respired		RIVE	
Gasoline		ND		RD1.0	
Gasoline	C7-C12	ND			
Gasoline	C7-C12	ND			
Gasoline 7777 Trifluoro	C7-C12 Sucrogate otoluene (FID)	ND 3BNC 510055 102 54-152			
Gasoline 7777 Trifluoro	C7-C12	ND			
Gasoline 7777 Trifluoro	C7-C12 Sucrogate otoluene (FID)	ND 3BNC 510055 102 54-152			
Gasoline Trifluoro Bromofluc	C7-C12 Surrogate otoluene (FID) orobenzene (FID)	ND 3BNC 510055 102 54-152	Leb TD.	1.0	
Gasoline 777 Trifluoro	C7-C12 Sucrogate otoluene (FID)	ND 3BNC 510055 102 54-152	Lab ID:		
Gasoline Trifluoro Bromofluo Type:	C7-C12 Subcrogate otoluene (FID) orobenzene (FID) BLANK	ND 3BNC 510055 102 54-152	Lab ID:	1.0	
Gasoline Trifluoro Bromofluc	C7-C12 Subcrogate otoluene (FID) orobenzene (FID) BLANK	ND 3BNC 510055 102 54-152	Lab ID:	1.0	
Gasoline Trifluoro Bromofluo Type:	C7-C12 Subcrogate otoluene (FID) orobenzene (FID) BLANK	ND 3BNC 510745 102 54-152 108 50-152	Lab ID:	1.0 QC502788	
Gasoline Trifluoro Bromofluo Type: Gasoline	C7-C12 Suprogate booluene (FID) probenzene (FID) BLANK 200-Type C7-C12	ND 3RNC 54-152 102 54-152 108 50-152 Resolution ND	Lab ID:	1.0 QC502788	
Gasoline Trifluoro Bromofluo Type: Gasoline Trifluoro	C7-C12 Suprogate btoluene (FID) orobenzene (FID) BLANK Abanayte C7-C12 Suprogate btoluene (FID)	ND 38NC 152 102 54-152 108 50-152 Resolve ND	Lab ID:	1.0 QC502788	
Gasoline Trifluoro Bromofluo Type: Gasoline Trifluoro	C7-C12 Suprogate booluene (FID) probenzene (FID) BLANK 200-Type C7-C12	ND 3RNC 54-152 102 54-152 108 50-152 Resolution ND	Lab ID:	1.0 QC502788	
Gasoline Trifluoro Bromofluo Type: Gasoline Trifluoro	C7-C12 Suprogate btoluene (FID) orobenzene (FID) BLANK Abanayte C7-C12 Suprogate btoluene (FID)	ND 38NC 152 102 54-152 108 50-152 Resolve ND	Lab ID:	1.0 QC502788	
Gasoline Trifluoro Bromofluo Type: Gasoline Trifluoro Bromofluo	C7-C12 Subrogate booluene (FID) orobenzene (FID) BLANK C7-C12 Subrogate booluene (FID) orobenzene (FID)	ND 3BNC 54-152 102 54-152 108 50-152 * Resolution ND * RECE 1.100 48 288 * 54-152 276 * 50-152	Lab ID:	1.0 QC502788	
Gasoline Trifluoro Bromofluo Type: Gasoline Trifluoro Bromofluo *= Value	C7-C12 Subrogate booluene (FID) orobenzene (FID) BLANK C7-C12 Subrogate booluene (FID) orobenzene (FID) orobenzene (FID)	ND 38NC 54-152 102 54-152 108 50-152 * Resolution ND * RECE 1.00 48 288 * 54-152 276 * 50-152 ; see narrative		1.0 QC502788 RL: 0.20	
Gasoline Trifluoro Bromofluo Type: Gasoline Trifluoro Bromofluo *= Value Y= Sample	C7-C12 Suprogate booluene (FID) orobenzene (FID) BLANK 2007YE C7-C12 Suprogate booluene (FID) orobenzene (FID) orobenzene (FID) outside of QC limits e exhibits chromatogr	ND 38NC 54-152 102 54-152 108 50-152 * Resolution ND * Resolution * Resolution * Resolution * Resolution * Resolution * Resolution * Resolution * See narrative		1.0 QC502788 RL: 0.20	
Gasoline Trifluoro Bromofluo Type: Gasoline Trifluoro Bromofluo *= Value Y= Sample ND= Not De	C7-C12 SUDTOGOLO DOLUENE (FID) DOTOBENZENE (FID) BLANK C7-C12 SUTTOGALE DOLUENE (FID) DOTOBENZENE (FID) DOTOBENZENE (FID) OUTSIDE OF QC limits e exhibits chromatogr stected	ND 38NC 54-152 102 54-152 108 50-152 * Resolution ND * Resolution * Resolution * Resolution * Resolution * Resolution * Resolution * Resolution * See narrative		1.0 QC502788 RL: 0.20	
Gasoline Trifluoro Bromofluc Type: Gasoline Gasoline Trifluoro Bromofluc *= Value Y= Sample ND= Not De RL= Report	C7-C12 SUDTOGOLO DOLUENE (FID) DOTOBENZENE (FID) BLANK C7-C12 SUTTOGALE DOLUENE (FID) DOTOBENZENE (FID) DOTOBENZENE (FID) OUTSIDE OF QC limits e exhibits chromatogr stected	ND 38NC 54-152 102 54-152 108 50-152 * Resolution ND * Resolution * Resolution * Resolution * Resolution * Resolution * Resolution * Resolution * See narrative		1.0 QC502788 0.20	
Gasoline Trifluoro Bromofluo Type: Gasoline Trifluoro Bromofluo *= Value Y= Sample ND= Not De	C7-C12 SUDTOGOLO DOLUENE (FID) DOTOBENZENE (FID) BLANK C7-C12 SUTTOGALE DOLUENE (FID) DOTOBENZENE (FID) DOTOBENZENE (FID) OUTSIDE OF QC limits e exhibits chromatogr stected	ND 38NC 54-152 102 54-152 108 50-152 * Resolution ND * Resolution * Resolution * Resolution * Resolution * Resolution * Resolution * Resolution * See narrative		1.0 QC502788 0.20	5.0



Batch QC Report

Lab #:	213332	Location:	Placeworks	9.269.440.000
	Northgate Environmental Management	Prep:	EPA 5030B	
Project#:	1141.08	Analysis:	EPA 8015B	
Туре:	LCS	Diln Fac:	1.000	
Lab ID:	QC502789	Batch#:	152696	
Matrix:	Soil	Analyzed:	07/09/09	
Units:	mg/Kg	-		

Trifluorotoluene (FID)	145	54-152
Bromofluorobenzene (FID)	144	50~152



Batch QC Report

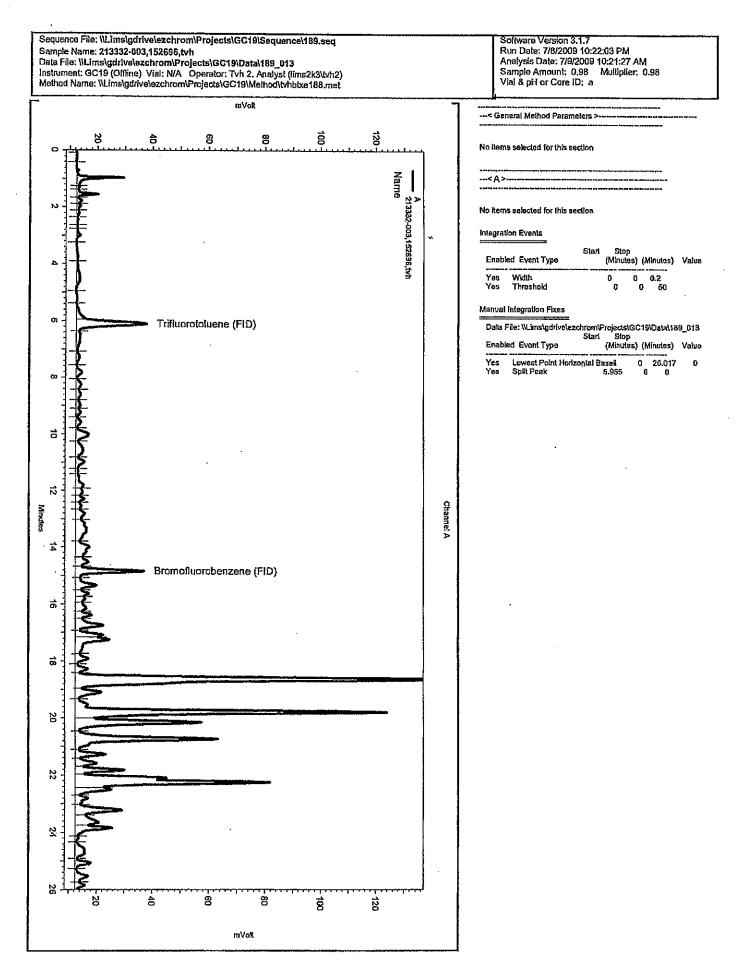
		100 Feat	volaisti	e, fivdrocarb	ಶಗನ ಇಲ್ಲ			
Lab #: 2133	32			Location:	Place	works		
	hgate Environmer	ital Mar	agement	Prep:	EPA 5			
Project#: 114]				Analysis:	EPA 8	•••		
Field ID:	ZZZZZZZZZZ			Diln Fac:	1,000			
MSS Lab ID:	213260-002			Batch#:	15269			
Matrix:	Soil			Sampled:	07/01	-		
Units:	mg/Kg			Received:	07/01	•		
Basis:	as received			Analyzed:	07/08			
,	, ,							
Type:	MS			Lab ID:	QC502	790		
				140 10.	20002	.,		
An at	Contraction of the second s	<u>s Kiosorie</u>		Seated Spannod and		CSOLC:	ka 🖯 🕷 R D O	seconders:
Gasoline C7-C1	.2	<0	.01197	1.672		1.117	67	31-120
Trifluorotolue		157 *	54-152					
Bromofluorober		130	54-152 50-152					
BIOMOTICOLODEI		130	30-132					······
_								
Type:	MSD			Lab ID:	QC502	791		
An	lyle states and the		Spiked	Re	uil Corrector	a and a state of the	Sebanates a	Replacement
Gasoline C7-C1	and the second se		1.718		1.219	71	31-120	6 34
	ogate							
Trifluorotolue		157 *	54-152					
Bromofluorober	· ·	126	50~152					
Dronor raor oper	refic (EID)		DA-TD7					

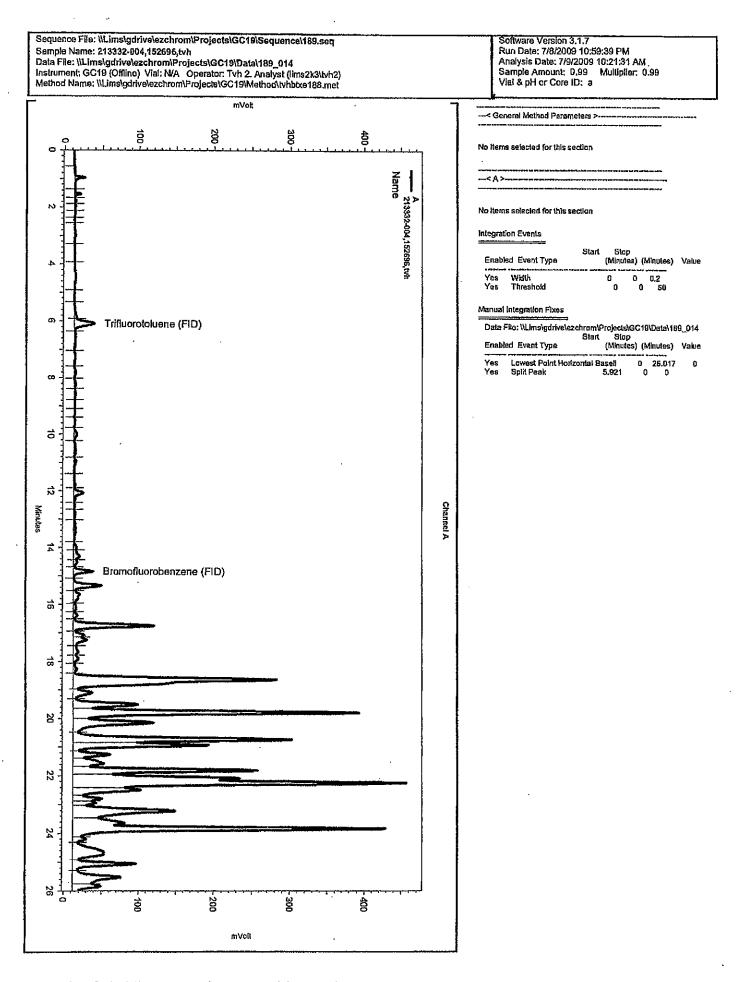
.

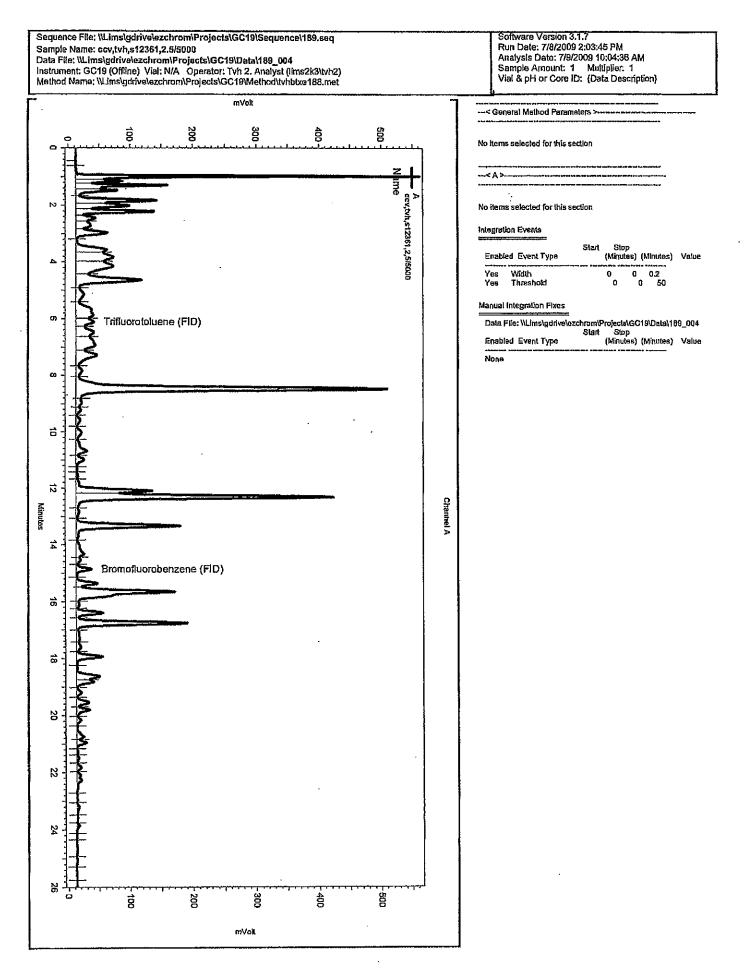
.

*= Value outside of QC limits; see narrative
RPD= Relative Percent Difference
Page 1 of 1

.







Page 2 of 4 (6) Curtis & Tompkins Ltd.



		otal Extracts			
Client: 1 Project#: 1	213332 Northgate Environment 1141.08	tal Management	Location: Prep: Analysis:	Placeworks SHAKER TABLE EFA 8015B	
Matrix: Units: Basis: Batch#:	Soil mg/Kg as received 152693		Sampled: Received: Prepared:	07/02/09 07/07/09 07/08/09	
Field ID: Type: Lab ID:	B01-2.5 SAMPLE 213332-001		Diln Fac: Analyzed:	1.000 07/10/09	
Diesel C10- Motor Oil (-C24	57 Y 230		Rd 84 5 1.0 5.0	
o-Terphenyl	úlskoga þer skilse skilster. I	7 (REC Trumble) 58 53-133			
Field ID: Type: Lab ID:	B06-4.0 SAMPLE 213332-002		Diln Fac: Analyzed:	1.000 07/10/09	
Diesel Cl0- Motor Oil (Analyter -C24 C24-C36	ND ND ND		6.R65 0.99 5.0	
o-Terpheny	Surrogate:	54 53-133			
Field ID: Type: Lab ID:	B12-3.0 SAMPLE 213332-003		Diln Fac: Analyzed:	20.00 07/10/09	
Diesel Cl0- Motor Oil (-C24	Result: 150 Y 530		RL 20 100	
o-Terpheny	Surrooato	BBC Thomas DO 53-133			
Field ID: Type: Lab ID:	B13-4.0 SAMPLE 213332-004		Diln Fac: Analyzed:	1.000 07/10/09	
Diesel Cl0- Motor Oil (Resolution 36 Y 46		0.99 5.0	
o-Terpheny	Suncogade	55 53-133			
Y= Sample a DO= Diluted ND= Not Deta RL= Reportin Fage 1 of 2	ected	phic pattern wh	ich does not	resemble standard	20.1



		otali Extracta	bleutivolicica	clonse	
<u>Project#: 1141</u>	ngate Environment	al Management	Location: Prep: Analysis:	Placeworks SHAKER TABLE EPA 8015B	
Matrix: Units: Basis: Batch#:	Soil mg/Kg as received 152693		Sampled: Received: Prepared:	07/02/09 07/07/09 07/08/09	
Field ID: Type: Lab ID:	B16-2.5 SAMPLE 213332-005		Diln Fac: Analyzed:	1.000 07/10/09	
Second Second	by television and the	Resultix		RAAD STRATEGY AND ST	
Diesel C10-C24 Motor Oil C24-C	236	20 Y 75		1.0 5.0	
Motor Oil C24-0		75	Diln Fac: Analyzed:		
Motor Oil C24-0 o-Terphenyl Type:	BLANK QC502777	75		1.000	

Y= Sample exhibits chromatographic pattern which does not resemble standard DO= Diluted Out ND= Not Detected RL= Reporting Limit Page 2 of 2

.

20.1 .



Batch QC Report

	Total Extract	ble Hydroca	ceons
Lab #;	213332	Location:	Placeworks
Client:	Northgate Environmental Management	Prep:	SHAKER TABLE
Project#:	1141.08	Analysis:	EPA 8015B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC502778	Batch#:	152693
Matrix:	Soil	Prepared:	07/08/09
Units:	mg/Kg	Analyzed:	07/09/09

Cleanup Method: EPA 3630C

Analyte		Spited	Reader	2 2 8 RE(
Diesel C10-C24		49.82	30.54	61	52-128	
Suprogatec	Part Andrew Market	15 I Simples and a second		法法律 实施的		
o-Terphenyl	59	53-133				·

.



-

Batch QC Repo	I L							
		Hora	Lerxtracta	blezHydrocanbo	ns			
Lab #: 21333	2			Location:	Plac	reworks		
	gate Environmen	ntal	Management	Prep:	SHAP	KER TABLE		
Project#: 1141.				Analysis:	EPA	8015B		
Field ID:	ZZZZZZZZZZ			Batch#:	1526	593		
MSS Lab ID:	213293-008			Sampled:		01/09		
Matrix:	Soil			Received:		02/09		
Units:	mg/Kg			Prepared:		08/09		
Basis:	as received			Analyzed:	07/1	L0/09		
Diln Fac:	1.000							
Type;	MS			Cleanup Method;	EPA	3630C		
Lab ID:	QC502779			-				
	C	MSS	Respublic	Spiked		esult	SREG	Anno es
Diesel Cl0-C24			0.6010	50.01		34.86	68	33-145
		815-12-12-2						
o-Terphenyl	ga ce	76	EC: Flamits 53-133					
0-lerpheny1		76	53-133					
Type:	MSD			Cleanup Method:	EPA	3630C		
Lab ID:	QC502780							
Anal	yce.		Solved			S. SREC	A CONTRACTOR OF	a a the second secon
			49.97	29.	27	57	33-145	17 44
Diesel C10-C24	·····							
	oatel in a star	ter and the second	Research					
	onte	63	EC					

.

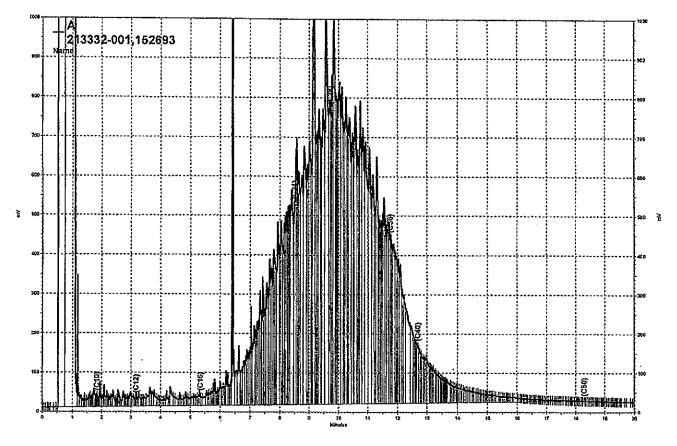
.

RPD= Relative Percent Difference Page 1 of 1

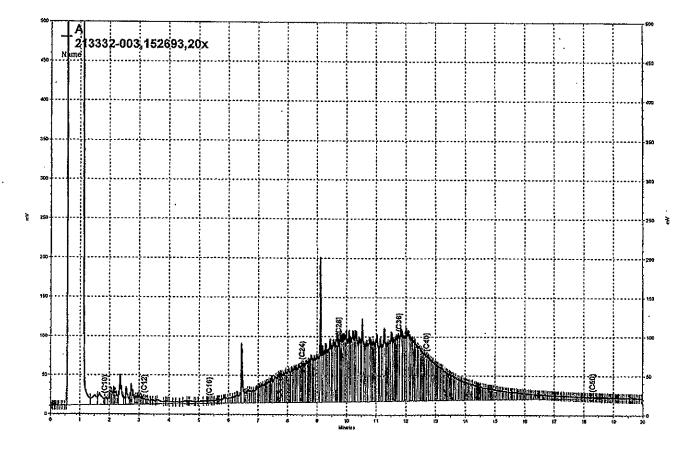
.

.

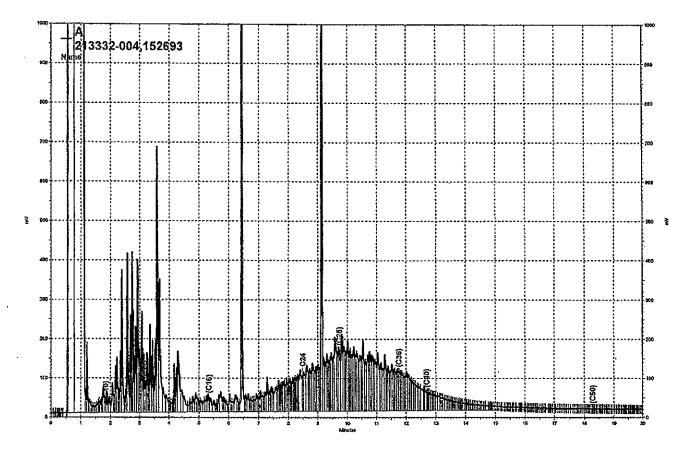
22.0



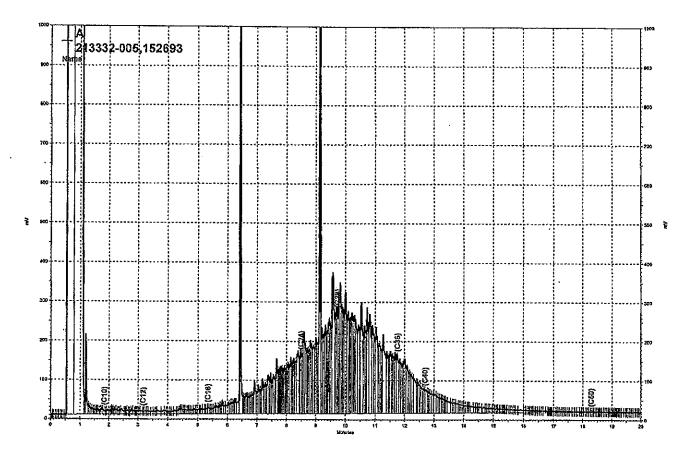


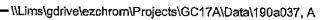


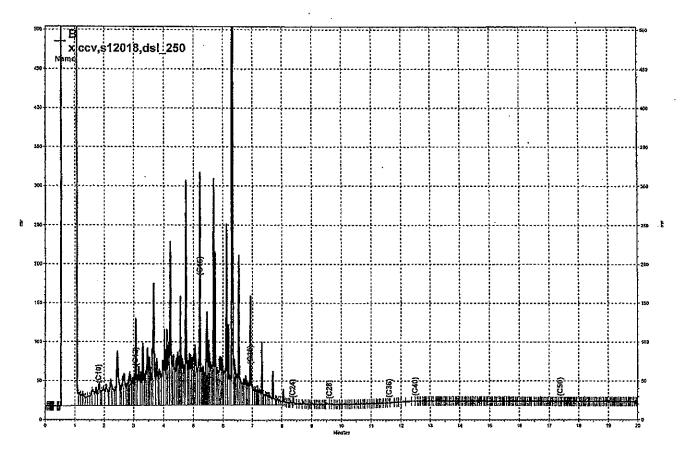
- \\Lims\gdrive\ezchrom\Projects\GC17A\Data\190a039, A

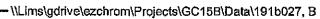


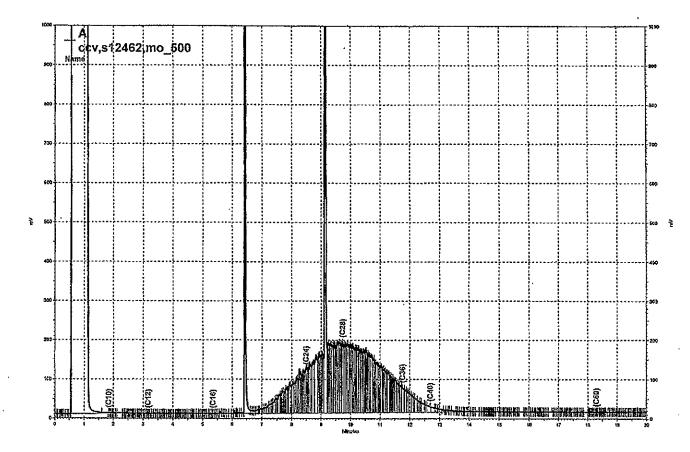












^{//}Lims\gdrive\ezchrom\Projects\GC17A\Data\190a028, A



	Purceable. Or	ા પ્રસંધ લેવા છે. તેલું છે.	C/MS	
Lab #: 213332	_	Location:	Placeworks	
	mental Management	Prep:	EPA 5030B	
Project#: 1141.08		Analysis:	EPA 8260B	
Field ID: B01-2.5		Diln Fac:	0.9560	
Lab ID: 213332-001	L	Batch#:	152672	
Matrix: Soil		Sampled:	07/02/09	
Units: ug/Kg		Received:	07/07/09	
Basis: as receive	ed	Analyzed:	07/08/09	
Freon 12				
Chloromethane	ND ND		9.6 9.6	1
Vinyl Chloride	ND		9.6	
Bromomethane				
Chloroethane	ND ND		9.6 9.6	
Trichlorofluoromethane	ND		9.6 4.8	
Acetone	40		9.6	
Freon 113	40 ND			
1,1-Dichloroethene	ND		4.8 4.8	
Methylene Chloride	ND		19	
Carbon Disulfide	ND		19 4.8	
MTBE	ND		4.8	
trans-1,2-Dichloroethene	ND		4.8	
Vinyl Acetate	ND		48	
1,1-Dichloroethane	ND		4.8	
2-Butanone	ND		9.6	
cis-1,2-Dichloroethene	ND		4.8	
2,2-Dichloropropane	ND		4.8	
Chloroform	ND		4.8	
Bromochloromethane	ND		4.8	
1,1,1-Trichloroethane	ND		4.8	
1,1-Dichloropropene	ND	•	4.8	
Carbon Tetrachloride	ND ·		4.8	
1,2-Dichloroethane	ND		4.8	
Benzene	ND		4.8	
Trichloroethene	ND		4.8	
1,2-Dichloropropane	ND		4.8	
Bromodichloromethane	ND		4.8	
Dibromomethane	ND		4.8	
4-Methyl-2-Pentanone	ND		9.6	
cis-1,3-Dichloropropene	ND		4.8	
Toluene	ND		4.8	
trans-1,3-Dichloropropene	ND		4.8	
1,1,2-Trichloroethane	ND		4.8	
2-Hexanone	ND		9.6	
1,3-Dichloropropane	ND		4.8	
Tetrachloroethene	ND		4.8	
Tertachtoroconcide	T4f\			

ND= Not Detected RL= Reporting Limit Page 1 of 2

,



	Purceable org	antos by G	/MS
Lab #:	212222		
	213332	Location:	Placeworks
Client:	Northgate Environmental Management	Prep:	EPA 5030B
Project#:	1141.08	Analysis:	EPA 8260B
Field ID:	B01-2.5	Diln Fac:	0.9560
Lab ID:	213332-001	Batch#:	152672
Matrix:	Soil	Sampled:	07/02/09
Units:	ug/Kg	Received:	07/07/09
Basis:	as received	Analyzed:	07/08/09

Dibromochloromethane	ND	4.8
1,2-Dibromoethane	ND	4.8
Chlorobenzene	ND	4.8
1,1,1,2-Tetrachloroethane	ND	4.8
Ethylbenzene	ND	4.8
m,p-Xylenes	ND	4.8
o-Xylene	ND	4.8
Styrene	ND	4.8
Bromoform	ND	4.8
Isopropylbenzene	ND	4.8
1,1,2,2-Tetrachloroethane	ND	4.8
1,2,3-Trichloropropane	ND	4.8
Propylbenzene	ND	4.8
Bromobenzene	ND	4.8
1,3,5-Trimethylbenzene	ND	4.8
2-Chlorotoluene	ND	4,8
4-Chlorotoluene	ND	4.8
tert-Butylbenzene	ND	4.8
1,2,4-Trimethylbenzene	ND	. 4.8
sec-Butylbenzene	ND	4.8
para-Isopropyl Toluene	ND	4.8
1,3-Dichlorobenzene	ND	4.8
1,4-Dichlorobenzene	ND	4.8
n-Butylbenzene	ND	4.8
1,2-Dichlorobenzene	ND	4.8
1,2-Dibromo-3-Chloropropane	ND	4.8
1,2,4-Trichlorobenzene	ND	4.8
Hexachlorobutadiene	ND	4.8
Naphthalene	ND	4.8
1,2,3-Trichlorobenzene	ND	4.8

Surrogate	TOT REC	
Dibromofluoromethane	99	71-128
1,2-Dichloroethane-d4	131	69-135
Toluene-d8	102	80-120
Bromofluorobenzene	99	77-131

ND= Not Detected RL= Reporting Limit Page 2 of 2



	- Purgeable Ore	anies by G	CZMST Contract of the second	
Lab #: 213332		Location:	Placeworks'	- server -
Client: Northgate Environm	mental Management	Prep:	EPA 5030B	
Project#: 1141.08		Analysis:	EPA 8260B	
Field ID: B06-4.0		Diln Fac:	0.9542	
Lab ID: 213332-002		Batch#:	152672	
Matrix: Soil		Sampled:	07/02/09	
Units: ug/Kg		Received:	07/07/09	
Basis: as received	1	Analyzed:	07/08/09	
Analyte and the	Repuis			Điệ
Freon 12	ND		9.5	
Chloromethane	ND		9.5	ĺ
Vinyl Chloride	ND		9.5	
Bromomethane	ND		9.5	
Chloroethane	ND		9.5	
Trichlorofluoromethane	ND		4,8	
Acetone	9.7		9.5	
Freon 113	ND		4.8	
1,1-Dichloroethene	ND		4.8	
Methylene Chloride	ND		19	
Carbon Disulfide	ND		4.8	
MTBE	ND		4.8	
trans-1,2~Dichloroethene	ND		4.8	
Vinyl Acetate	ND		48	
1,1-Dichloroethane	ND		4.8	
2-Butanone	ND		9.5	
cis-1,2-Dichloroethene	ND		4.8	
2,2-Dichloropropane	ND	•	4.8	
· Chloroform	ND		4.8	
Bromochloromethane	ND		4.8	
1,1,1-Trichloroethane	ND		4.8	
1,1-Dichloropropene	ND		4.8	
Carbon Tetrachloride	ND		4.8	
1,2-Dichloroethane	ND		4.8	
Benzene	ND		4.8	
Trichloroethene	ND		4.8	
1,2-Dichloropropane	ND		4.B	
Bromodichloromethane	ND		4.8	
Dibromomethane	ND		4.8	
4-Methyl-2-Pentanone	ND		9.5	
cis-1,3-Dichloropropene	ND		4.8	
Toluene	ND		4.8	
trans-1,3-Dichloropropene	ND		4.8	
1,1,2-Trichloroethane	ND		4.8	
2-Hexanone	ND		9.5	
1,3-Dichloropropane	ND		4.8	
Tetrachloroethene	ND		4.8	

ND= Not Detected RL= Reporting Limit Page 1 of 2



	Purgcable ord	anucs by Ge	/MS
Lab #:	213332	Location:	Placeworks
Client:	Northgate Environmental Management	Prep:	EPA 5030B
Project#:		Analysis:	EPA 8260B .
Field ID:	B06-4.0	Diln Fac:	0.9542
Lab ID:	213332-002	Batch#:	152672
Matrix:	Soil	Sampled:	07/02/09
Units:	ug/Kg	Received:	07/07/09
Basis:	as received	Analyzed:	07/08/09

S Manadayter Start	e se Result	REFERENCE
Dibromochloromethane	ND	4.8
1,2-Dibromoethane	ND	4.8
Chlorobenzene	ND	4.8
1,1,1,2-Tetrachloroethane	ND	4.6
Ethylbenzene	ND	4.8
m,p-Xylenes	ND	4.8
o-Xylene	ND	4.8
Styrene	ND	4.8
Bromoform	ND	4.8
Isopropylbenzene	ND	4.8
1,1,2,2-Tetrachloroethane	ND	4.8
1,2,3-Trichloropropane	ND	4.8
Propylbenzene	ND	4.8
Bromobenzene	ND	4.8
1,3,5-Trimethylbenzene	ND	4.8
2-Chlorotoluene	ND	4.8
4-Chlorotoluene	ND	4.8
tert-Butylbenzene	ND	4.8
1,2,4-Trimethylbenzene	ND	4.8
sec-Butylbenzene	ND	4.8
para-Isopropyl Toluene	ND	4.8
. 1,3-Dichlorobenzene	ND	4.8
1,4-Dichlorobenzene	ND	4.8
n-Butylbenzene	ND	4.8
1,2-Dichlorobenzene	ND	4.8
1,2-Dibromo-3-Chloropropane	ND	4.8
1,2,4-Trichlorobenzene	ND	4.8
Hexachlorobutadiene	ND	4.8
Naphthalene	ND	4.8
1,2,3-Trichlorobenzene	ND	4.8

	TANK AREC	
Dibromofluoromethane	98	71-128
1,2-Dichloroethane-d4	122	69~135
Toluene-d8	104	80-120
Bromofluorobenzene	99	77-131
· · · · · · · · · · · · · · · · · · ·		

ND= Not Detected

RL= Reporting Limit

Page 2 of 2



Curlis & Tompkins, Ltd.

	wrgeabler0r	anites by a		
Lab #: 213332		Location:		建筑的扩
Client: Northgate Environment	al Management		Placeworks EPA 5030B	
Project#: 1141.08	ar management	Prep: Analysis:	EPA 8260B	
Field ID: B12-3.0		Diln Fac:	0.9843	
Lab ID: 213332-003		Batch#:	152727	
Matrix: Soil			07/02/09	
Units: ug/Kg		Sampled: Received:	07/07/09	
Basis: as received		Analyzed:	07/09/09	
Basis: as received		Anaryzeu;	07703703	
Freon 12	ND		9.8	an a
Chloromethane	ND		9.8	
Vinyl Chloride	ND		9.8	
Bromomethane	ND		9.8	
Chloroethane	ND		9.8	
Trichlorofluoromethane	ND		4.9	
Acetone	66		9.8	
Freon 113	ND		4.9	
1,1-Dichloroethene	ND		4.9	
Methylene Chloride	ND		20	
Carbon Disulfide	ND		4.9	
MTBE	ND		4.9	
trans-1,2-Dichloroethene	ND		4.9	
Vinyl Acetate	ND		49	
1,1-Dichloroethane	ND		4.9	
2-Butanone	11		9.8	
cis-1,2-Dichloroethene	ND		4.9	
2,2-Dichloropropane	ND		4.9	
Chloroform	ND		4.9	
Bromochloromethane	ND		4,9	
1,1,1-Trichloroethane	ND		4.9	
1,1-Dichloropropene	ND		4.9	
Carbon Tetrachloride	ND		4.9	
1,2-Dichloroethane	ND		4.9	
Benzene	ND		4.9	
Trichloroethene	ND		4.9	
1,2-Dichloropropane	ND		4.9	
Bromodichloromethane	ND		4.9	
Dibromomethane	ND		4.9	
4-Methyl-2-Pentanone	ND		9.8	
cis-1,3-Dichloropropene	ND		4.9	
Toluene	ND		, 4 . 9	
trans-1,3~Dichloropropene	ND		4.9	
1,1,2-Trichloroethane	ND		4.9	
2-Hexanone	nd		9.8	
1,3~Dichloropropane	ND		4.9	
Tetrachloroethene	ND		4.9 .	

ND= Not Detected RL= Reporting Limit Page 1 of 2

11.0

i



	tRucocable orc	anace by GC	VMS
Lab #:	213332	Location:	Placeworks
Client:	Northgate Environmental Management	Prep:	EPA 5030B
Project#:		Analysis:	EPA 8260B
Field ID:	B12-3.0	Diln Fac:	0.9843
Lab ID:	213332-003	Batch#:	152727
Matrix:	Soil	Sampled:	07/02/09
Units:	ug/Kg	Received:	07/07/09
Basis:	as received	Analyzed:	07/09/09

Analyte and the	R	Sulta 15	S. S	
Dibromochloromethane	ND		4.9	
1,2-Dibromoethane	ND		4.9	Í
Chlorobenzene	ND		4.9	
1,1,1,2-Tetrachloroethane	ND		4.9	
Ethylbenzene	ND		4.9	
m,p-Xylenes	ND		4.9	
o-Xylene	ND		4.9	
Styrene	ND		4.9	
Bromoform	ND		4.9	
Isopropylbenzene	ND		4.9	
1,1,2,2-Tetrachloroethane	ND		4.9	
1,2,3-Trichloropropane	ND		4.9 .	
Propylbenzene	ND	•	4.9	
Bromobenzene	ND		4.9	
1,3,5-Trimethylbenzene	ND		4.9	(
2-Chlorotoluene	ND		4.9	ł
4-Chlorotoluene	ND		4.9	
tert-Butylbenzene	ND		4.9	
1,2,4-Trimethylbenzene	ND	•	4.9	
sec-Butylbenzene		5.2	4.9	
para-Isopropyl Toluene	ND		4.9	
1,3-Dichlorobenzene	ND		4.9	
1,4-Dichlorobenzene	. ND		4.9	
n-Butylbenzene		15	4.9	
1,2-Dichlorobenzene	ND		4.9	
1,2-Dibromo-3-Chloropropane	ND		4.9	
1,2,4-Trichlorobenzene	ND		4.9	
Hexachlorobutadiene	ND		4.9	
Naphthalene		14	4.9	
1,2,3-Trichlorobenzene	ND		4.9	

Suscogate -	ALCONTRACTOR	
Dibromofluoromethane	100	71-128
1,2-Dichloroethane-d4	132	69-135
Toluene-d8	104	80-120
Bromofluorobenzene	100	77-131

ND= Not Detected RL= Reporting Limit Page 2 of 2



	Purgeable Cre	antestovice	/MS /
Lab #:	213332	Location:	Placeworks
Client:	Northgate Environmental Management	Prep:	EPA 5030B
Project#:	1141.08	Analysis:	EPA 8260B
Field ID:	B13-4.0	Diln Fac:	10.20
Lab ID:	213332-004	Batch#:	152672
Matrix:	Soil	Sampled:	07/02/09
Units:	ug/Kg	Received:	07/07/09
Basis:	as received	Analyzed:	07/08/09

.

	Residence	
Freon 12	ND	100
Chloromethane	ND	100
Vinyl Chloride	ND	100
Bromomethane	ND	100
Chloroethane	ND	100
Trichlorofluoromethane	ND	51
Acetone	ND	100
Freon 113	ND .	51
1,1-Dichloroethene	ND	51
Methylene Chloride	ND	200
Carbon Disulfide	ND	51
MTBE	ND	51
trans-1,2-Dichloroethene	ND	51
Vinyl Acetate	ND	510
1,1-Dichloroethane	ND	51
2-Butanone	ND	100
cis-1,2-Dichloroethene	ND	51
2,2-Dichloropropane	ND	51
Chloroform	ND	51
Bromochloromethane	ND	51
1,1,1-Trichloroethane	ND	51
1,1-Dichloropropene	ND	51
Carbon Tetrachloride	ND	51
1,2-Dichloroethane	ND	51
Benzene	ND	51 .
Trichloroethene	ND	51
1,2-Dichloropropane	ND	51
Bromodichloromethane	ND	51
Dibromomethane	ND	51
4-Methyl-2-Pentanone	ND	100
cis-1,3-Dichloropropene	ND	51
Toluene	ND	51
trans-1,3-Dichloropropene	ND	51
1,1,2-Trichloroethane	ND	51
2-Hexanone	ND	100
1,3-Dichloropropane	ND	51
Tetrachloroethene	ND	51

ND= Not Detected RL= Reporting Limit Page 1 of 2



	L	ranizos eby -GČ	XIS
Lab #:	213332	Location:	Placeworks
Client:	Northgate Environmental Management	Prep:	EPA 5030B
Project#:		Analysis:	EPA 8260B
Field ID:	B13-4.0	Diln Fac:	10.20
Lab ID:	213332-004	Batch#:	152672
Matrix:	Soil	Sampled:	07/02/09
Units:	ug/Kg	Received:	07/07/09
Basis:	as received	Analyzed:	07/08/09

Analiyte soule and	N. Results	
Dibromochloromethane	ND	51
1,2-Dibromoethane	ND	51
Chlorobenzene	ND	51
1,1,1,2-Tetrachloroethane	ND	51
Ethylbenzene	ND	51
m,p-Xylenes	ND	51
o-Xylene	ND	51
Styrene	ND	51
Bromoform	ND	51
Isopropylbenzene	ND	51
1,1,2,2-Tetrachloroethane	ND	51
1,2,3-Trichloropropane	ND	51
Propylbenzene	83	51
Bromobenzene	ND	51
1,3,5-Trimethylbenzene	ND	51
2-Chlorotoluene	ND	51
4-Chlorotoluene	ND	51
tert-Butylbenzene	ND	51
1,2,4-Trimethylbenzene	180	51
sec-Butylbenzene	ND	. 51
para-Isopropyl Toluene	ND	51
1,3-Dichlorobenzene	ND	51
1,4-Dichlorobenzene	ND	51
n-Butylbenzene	230	51
1,2-Dichlorobenzene	ND	51
1,2-Dibromo~3-Chloropropane	ND	51
1,2,4-Trichlorobenzene	ND	51
Hexachlorobutadiene	ND	51
Naphthalene	1,300	51
1,2,3-Trichlorobenzene	ND	51

Sprcocale: -	STREE STREE	
Dibromofluoromethane	91	71-128
1,2-Dichloroethane-d4	100	69~135
Toluene-d8	98	80-120
Bromofluorobenzene	93	77-131

ND= Not Detected RL= Reporting Limit

Page 2 of 2



	Purgeable,	Organulos bys GG/MS	
Lab #: 213332			Placeworks
	e Environmental Manageme	-	EPA 5030B
Project#: 1141.08			EPA 8260B
	16-2.5		0.9960
	13332-005		152727
	oil		07/02/09
	g/Kg		07/07/09
Basis: a	s received	Analyzed:	07/09/09
Freon 12	ND	10	
Chloromethane	. ND	10	
Vinyl Chloride	ND	10	
Bromomethane	ND	10	
Chloroethane	ND	10	
Trichlorofluoromet		5.0	
Acetone	б3		
Freon 113	ND	5.0	
1,1-Dichloroethene	ND	5.0	
Methylene Chloride	ND	20	
Carbon Disulfide	ND	5.0	
MTBE	ND	5.0	
trans-1,2-Dichloro		5.0	
Vinyl Acètate	ND	50	
1,1-Dichloroethane	ND	5.0	
2-Butanone	ND	. 10	
cis-1,2-Dichloroet	hene ND	5.0	
2,2-Dichloropropane	e ND	5.0	
Chloroform	ND	5.0	
Bromochloromethane	ND	5.0	
1,1,1-Trichloroetha	ane ND	5.0	
1,1-Dichloropropene	e ND	5.0	
Carbon Tetrachlorid	le ND	5,0	
1,2-Dichloroethane	ND	5.0	
Benzene	ND	5.0	
Trichloroethene	ND	5.0	
1,2-Dichloropropane		5.0	-
Bromodichlorometha	ne ND	5.0	
Dibromomethane ND		5.0	
4-Methyl-2-Pentanone ND		10	
cis-1,3-Dichloropropene ND		5.0	
Toluene ND		5.0	
trans-1,3-Dichlorop	propene ND	5.0	
1,1,2-Trichloroetha		5.0	•
2-Hexanone	ND	10	
l l-Dichloropropage		5 0	

5.0

5.0

ND

ND

1,3-Dichloropropane Tetrachloroethene

ND= Not Detected RL= Reporting Limit Page 1 of 2

13,0



	Purgeable.org		
		Call CS Toy CE.	
	213332	Location:	Placeworks
Client:	Northgate Environmental Management	Prep:	EPA 5030B
Project#:	1141.08	Analysis:	EPA 8260B
Field ID:	B16-2.5	Diln Fac:	0.9960
Lab ID:	213332-005	Batch#:	152727
Matrix:	Soil	Sampled:	07/02/09
Units:	ug/Kg	Received:	07/07/09
Basis:	as received	Analyzed:	07/09/09

Analyte		
Dibromochloromethane	ND	5.0
1,2-Dibromoethane	ND	5.0
Chlorobenzene	ND	5.0
1,1,1,2-Tetrachloroethane	ND	5.0
Ethylbenzene	NÐ	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0
Styrene	ND	5.0
Bromoform .	ND	5.0
Isopropylbenzene	ND	5.0
1,1,2,2-Tetrachloroethane	ND	5.0
1,2,3-Trichloropropane	ND	5.0
Propylbenzene	ND	5.0
Bromobenzene	ND	5.0,
1,3,5-Trimethylbenzene	ND	5.0
2-Chlorotoluene	ND	5.0
4-Chlorotoluene	ND	5.0
tert-Butylbenzene	ND	5.0
1,2,4~Trimethylbenzene	ND	5.0
sec-Butylbenzene	ND	5.0
para-Isopropyl Toluene	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
n-Butylbenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
1,2-Dibromo-3-Chloropropane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
Hexachlorobutadiene	ND	5.0
Naphthalene	ND	5.0
1,2,3-Trichlorobenzene	ND	5.0

States Sucregater	C PS SREC	- definition	
Dibromofluoromethane	101	71-128	•
1,2-Dichloroethane-d4	131	69-135	
Toluene-d8	102	80-120	
Bromofluorobenzene	98	77-131	

ND= Not Detected RL= Reporting Limit Page 2 of 2

1



Curtis & Tompkins, Ltd.

Batch QC Report

	Purgeable Org	anica by G	WS - Contraction of the second se
Lab #:	213332	Location:	Placeworks
Client:	Northgate Environmental Management	Prep:	EPA 5030B
Project#:	1141.08	Analysis:	EPA 8260B
Type:	BLANK .	Diln Fac:	1.000
Lab ID:	QC502704	Batch#:	152672
Matrix:	Soil	Analyzed:	07/08/09
Units:	ug/Kg		·

			送 昭
Freon 12	ND	10	eran F
Chloromethane	ND	10	
Vinyl Chloride	ND	10	
Bromomethane	ND	10	
Chloroethane	ND	10]
Trichlorofluoromethane	ND	5.0	
Acetone	ND	10	
Freon 113	ND	5.0	1
1,1-Dichloroethene	ND	5.0	
Methylene Chloride	ND	20	
Carbon Disulfide	ND	5.0	
MTBE	ND	5.0	
trans-1,2-Dichloroethene	ND	5.0	
Vinyl Acetate	ND	50	
1,1-Dichloroethane	ND	5.0	
2-Butanone	ND	10	
cis-1,2-Dichloroethene	ND	5.0	
2,2-Dichloropropane	ND	5.0	
Chloroform	ND	5.0	
Bromochloromethane	ND	5.0	
1,1,1-Trichloroethane	ND	5.0	
1,1-Dichloropropene	ND	5.0	
Carbon Tetrachloride	ND	5.0	
1,2-Dichloroethane	ND	5.0	
Benzene	ND	5.0	
Trichloroethene	ND	5.0	
1,2-Dichloropropane	ND	5.0	
Bromodichloromethane	ND	5.0	
Dibromomethane	ND	5.0	
4-Methy1-2-Pentanone	NĎ	10	
cis-1,3-Dichloropropene	ND	5.0	
Toluene	ND	5.0	
trans-1,3-Dichloropropene	ND	5.0	
1,1,2-Trichloroethane	ND	5.0	
2-Hexanone	ND	10	
1,3-Dichloropropane	ND	5.0	
Tetrachloroethène	ND	5.0	

ND= Not Detected RL= Reporting Limit Page 1 of 2



	Purgea	ble erganics by GC/M	(S
Lab #:	213332 ·	Location:	Placeworks
	Northgate Environmental Mana	agement Prep:	EPA 5030B
Project#:	1141.08	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC502704	Batch#:	152672
Matrix:	Soil	Analyzed:	07/08/09
<u>Units:</u>	ug/Kg	-	, , , , , , , , , , , , , , , , , , , ,

Dibromochloromethane	ND	5.0
1,2-Dibromoethane	ND	5.0
Chlorobenzene	ND .	5.0
1,1,1,2-Tetrachloroethane	ND	5.0 .
Ethylbenzene	ND .	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0
Styrene	ND	5.0
Bromoform	ND .	5.0
Isopropylbenzene	ND	5.0
1,1,2,2-Tetrachloroethane	ND	5.0
1,2,3-Trichloropropane	ND	5.0
Propylbenzene	ND	5.0
Bromobenzene	ND	5.0
1,3,5-Trimethylbenzene	ND	5.0
2-Chlorotoluene	ND	5.0
4-Chlorotoluene	ND	5,0
tert-Butylbenzene	ND	5.0
1,2,4-Trimethylbenzene	ND	5,0
sec-Butylbenzene	ND	5,0
para-Isopropyl Toluene	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
n-Butylbenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
1,2-Dibromo-3-Chloropropane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
Hexachlorobutadiene	ND	5.0
Naphthalene	ND	5.0
1,2,3-Trichlorobenzene	ND	5.0

Succogate	E SAN BER	
Dibromofluoromethane	92	71-128
1,2-Dichloroethane-d4	124	69-135
Toluene-d8	103	80-120
Bromofluorobenzene	101	77-131

ND= Not Detected RL= Reporting Limit Page 2 of 2



Curtis & Tompkins, Ltd.

.

Batch QC Report	Ba	tch	OC I	Report
-----------------	----	-----	------	--------

	Purgeable ord	antics by SC	MS
Lab #:	213332	Location:	Placeworks
Client:	Northgate Environmental Management	Prep:	EPA 5030B
Project#:		Analysis:	EPA 8260B
Matrix:	Soil	Batch#:	152672
Units:	ug/Kg	Analyzed:	07/08/09
Diln Fac:	1.000	-	· · · ·

Type:	BS		La	ab ID:	QC502	2705		
	Analyte		Spukad	South States and	esuile:	SIR EIG	Linces a	
1,1-Dichlo	proethene		25.00		23.92	96	73-135	
Benzene			25.00		22.96	92	80-125	
Trichloroe	thene		25.00		25.35	101	80-127	
Toluene			25,00		25.47	102	80-126	
Chlorobenz	ene		25.00		24.32	97	80-120	
Dibromofly	oromethane		71 100					
		97	71-128					
1,2-Dichio	proethane-d4	118	69-135					
Toluene-d8	}	99	80-120					
Bromofluor	obenzene	96	77-131					

Туре:	BSD		Lab	ID:	QC5	02706			
	Anelivies		Spiked	Resu	16-20-3	N. S. SARAC	Linits:	RR	
1,1-Dichl	oroethene		25.00	2	4.17	97	73-135	1	20
Benzene			25.00	2	3.91	96	80-125	4	20
Trichloro	ethene		25.00	2	4.65	99	80-127	3	20
Toluene			25.00	2	5.18	101	80-126	1	20
Chloroben	zene		25.00	· 2	4.38	98	80-120	Ο.	20
	Surrogate	A COLORADO	Limits			5.4			
Dibromofl	uoromethane	97	71-128						
1,2-Dichle	oroethane-d4	114	69-135						
Toluene-da	8	99	80-120						

.

93

77-131

Bromofluorobenzene



Curtis & Tompkins, Ltd.

Batch QC Report

	Purgeable orc	anaes by GC/	MS - Honore Header - Construction
Lab #: 213	3332	Location:	Placeworks
	thgate Environmental Management	Prep:	EPA 5030B
Project#: 114	11.08	Analysis:	EPA 8260B
Field ID:	ZZZZZZZZZ	Diln Fac:	0.9615
MSS Lab ID:	213315-001	Batch#:	152672
Matrix:	Soil	Sampled:	07/01/09
Units:	ug/Kg	Received:	07/07/09
Basis:	as received	Analyzed:	07/08/09

Type:	MS			Lab ID:	QC502799		
Anat	viez ostano	KEEK#MSS14	CANDLES WAS	Storked Storked	Result	RE SRE	C. Linits
1,1-Dichloroet	hene		<0.9574	48.08	45.42	94	58-145
Benzene			<0.9615	48,08	41.09	85	56-126
Trichloroethen	Э		<0.9615	48.08	45.45	95	50-142
Toluene			<0.9615	48.08	44.53	93	52-125
Chlorobenzene	•		<0.9615	48.08	40.66	85	46-120
A THE STATE STORE OF	vgate: salesa	SALE & REC	e la martes de la companya de la com				
Dibromofluorom	ethane	96	71-128			and a first the second state of the	
1,2-Dichloroeth	nane-d4	116	69-135				
Toluene-d8		104	80-120				
Bromofluoroben:	zene	95	77-131				

ſype:	MSD			Lab ID:	QC50	2800			
	Analyce		Spirked		Result	RE SRE	e alla mates	RP	0-slaam-
1,1-Dichlo	roethene		48.08		45.16	94	58-145	1	28
Benzene			48.08		41.39	86	56-126	1:	26
Trichloroe	thene		48.08		44.13	92	50-142	З	29
Toluene			48.08		43.09	90	52-125	3	29
Chlorobenz	ene		48.08		38,98	81	46-120	4	29
	Ship orang	REC	NSP IIM CROSS					X	
Dibromoflu	oromethane	100	71-128				an a	2222306	
1,2-Dichlo	roethane-d4	114	69-135						
Toluene-d8		101	80-120						
Bromofluor	obenzene	96	77-131						



	LEurgeable Ord	iana cis "by - GC	Maria de la constante de la co MMC de la constante de la const MARIA de la constante de la const
Lab #:	213332	Location:	Placeworks
Client:	Northgate Environmental Management	Prep:	EPA 5030B
Project#:	1141.08	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC502915	Batch#:	152727
Matrix:	Soil	Analyzed:	07/09/09
<u>Units:</u>	ug/Kg		,

	Results	REF	
Freon 12	ND	10	
Chloromethane	ND	10	
Vinyl Chloride	ND	10	1
Bromomethane	ND	10	
Chloroethane	ND	10	
Trichlorofluoromethane	ND	5.0	
Acetone	ND	10	
Freon 113	ND	5.0	
1,1-Dichloroethene	ND	5.0	
Methylene Chloride	ND	20	
Carbon Disulfide	ND	5.0	
MTBE	ND	5.0.	
trans-1,2-Dichloroethene	ND	5.0	
Vinyl Acetate	ND	50	
1,1-Dichloroethane	ND	5.0	
2-Butanone	ND	10	
cis-1,2-Dichloroethene	ND	5.0	
2,2-Dichloropropane	ND	5.0	
Chloroform	ND	5.0	
Bromochloromethane	ND	5.0	
1,1,1-Trichloroethane	ND	5.0	
1,1-Dichloropropene	ND	5.0	
Carbon Tetrachloride	ND	5.0	
1,2-Dichloroethane	ND	5.0	
Benzene	ND	5.0	
Trichloroethene	ND	5.0	
1,2-Dichloropropane	ND	5.0	
Bromodichloromethane	ND	5.0	
Dibromomethane	ND	5.0	
4-Methyl-2-Pentanone	ND	10	
cis-1,3-Dichloropropene	ND	5.0	
Toluene	ND	5.0	
trans-1,3-Dichloropropene	ND	5.0	
1,1,2-Trichloroethane	ND	5.0	
2-Hexanone	ND	10	
1,3-Dichloropropane	ND	5.0	
Tetrachloroethene	ND	5.0	

ND= Not Detected RL= Reporting Limit Page 1 of 2



	Burgeable or	ano, S. by, GC	MS-Constant and a second s
	213332	Location:	Placeworks
Client:	Northgate Environmental Management	Prep:	EPA 5030B
Project#:	1141.08	Analysis:	EPA 8260B
Туре:	BLANK	Diln Fac:	1.000
Lab ID:	QC502915	Batch#:	152727
Matrix:	Soil	Analyzed:	07/09/09
Units:	ug/Kg	·····	

Analyter of the	Result	
Dibromochloromethane	ND	5.0
1,2-Dibromoethane	ND	5.0
Chlorobenzene	ND	5.0 ·
1,1,1,2-Tetrachloroethane	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND.	5.0
o-Xylene	ND	5.0
Styrene	ND	5.0
Bromoform	ND	5.0
Isopropylbenzene	ND	5.0
1,1,2,2-Tetrachloroethane	ND	5.0
1,2,3-Trichloropropane	ND	5.0
Propylbenzene	ND	5.0
Bromobenzene	ND	5.0
1,3,5-Trimethylbenzene	ND	5.0
2-Chlorotoluene	ND	5.0
4-Chlorotoluene	ND	5.0
tert-Butylbenzene	ND	5.0
1,2,4-Trimethylbenzene	ND	5.0
sec-Butylbenzene	ND	5.0
para-Isopropyl Toluene	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
n-Butylbenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
1,2-Dibromo-3-Chloropropane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
Hexachlorobutadiene	ND	5.0
Naphthalene	ND	5.0
1,2,3-Trichlorobenzene	ND	. 5.0

Succession Succession	STERNE C	
Dibromofluoromethane	100	71-128
1,2-Dichloroethane-d4	125	69-135
Toluene-d8	100	80-120
Bromofluorobenzene	101	77-131

ND= Not Detected RL= Reporting Limit Page 2 of 2



	Fungeable Ore	jana≪s iby†€C	
Lab #:	213332	Location:	Placeworks
Client:	Northgate Environmental Management	Prep:	EPA 5030B
Project#:	1141.08	Analysis:	EPA 8260B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC502916	Batch#:	152727
Matrix:	Soil	Analyzed:	07/09/09
Units:	ug/Kg		· ·

Anklyte	ispiked was a s	aResult	S. SPEC	Limits
1,1-Dichloroethene	25.00	24.29	97	73-135
Benzene	25.00	23.68	95	80-125
Trichloroethene	25.00	25.32	101	80-127
Toluene	25.00	24.46	98	80-126
Chlorobenzene	25.00	25.40	102.	80-120

Surrogater	- A STREE	- Lind to at	
Dibromofluoromethane	103	71~128	
1,2-Dichloroethane-d4	125	69-135	
Toluene-d8	99	80-120	
Bromofluorobenzene	89	77-131	



Batch QC Rep	ort							
		IP/up as	eablet0no	annos by Ro	/MSL			
Lab #: 2133	32			Location:	Placework			
	hgate Environment	tal M	lanagement	Prep:	EPA 5030E			
Project#: 1141				Analysis:	EPA 8260E			
Field ID:	B16-2.5		·····	Diln Fac:	0.9960	, 		
MSS Lab ID:	213332-005			Batch#:	152727			
Matrix:	Soil			Sampled:	07/02/09			
Units:	ug/Kg			Received:	07/07/09			
Basis:	as received			Analyzed:	07/09/09			
<u></u>								
Гуре:	MS			Lab ID:	07500003			
					<u>0</u> C502993			
Ana 1,1-Dichloroet		MSS	Resultation	Seale Spalleder	Reau	AD. AD. C. D. C.	وسودهم سأشعر شرو	mits.
	nene		<0.9918	49.80	47.			-145
Benzene	-		<0.9960	49.80	48.			-126
Trichloroethen	le		<0.9960	49.80	51.			-142
Toluene Chlorobenzene			<0.9960	49.80	49.			-125
CHIOLODenzeue			<0.9960	49.80	44.	57 89	46	-120
		Selon T	Calamites					NAME OF COMPANY
Dibromofluorom	othano	100						407-200
DIDIOROTIGOTOR		100	71- 12 8					
1 2-Dichloroet	hanc.d.	101						
1,2-Dichloroet	hane-d4	131	69-135					
Toluene-d8		103	80-120					
Toluene-d8		103	80-120					
Toluene-d8 Bromofluoroben		103	80-120	Lab ID:	QC502994			
Toluene-d8 Bromofluoroben	MSD	103	80-120			Rec. somets	RPE	
Toluene-d8 Bromofluoroben Yype:	MSD	103	80-120					28
Toluene-d8 Bromofluoroben Yype:	MSD	103	80-120 77-131 Spaked, S		Selling - Constant	8 58-145	11	And in the second second
Toluene-d8 Bromofluoroben Yype: 1,1-Dichloroet	MSD MSD Morre hene	103	80-120 77-131 Spiked 49.80		9010000 53.55 10	08 58-145 56-126	11 0	28
Toluene-d8 Bromofluoroben Yype: 1,1-Dichloroet Benzene	MSD MSD Morre hene	103	80-120 77-131 Spiked 49.80 49.80		5011. 53.55 10 47.93 96 51.32 10	08 58-145 56-126 03 50-142	11 0 1	26 29
Toluene-d8 Bromofluoroben Yype: 1,1-Dichloroet Benzene Trichloroethen Toluene	MSD MSD Morre hene	103	80-120 77-131 5990kcdl 49.80 49.80 49.80		53.55 10 47.93 96 51.32 10	58 58-145 5 56-126 3 50-142 90 52-125	11 0 1 0	28 26
Toluene-d8 Bromofluoroben Type: 1,1-Dichloroet Benzene Trichloroethen Toluene Chlorobenzene	MSD MSD hene le	103 95	80-120 77-131 SEAKED 8 49.80 49.80 49.80 49.80 49.80 49.80		5000. 53.55 10 47.93 96 51.32 10 49.66 10	58 58-145 5 56-126 3 50-142 90 52-125	11 0 1 0	28 26 29 29
Toluene-d8 Bromofluoroben Type: 1,1-Dichloroet Benzene Trichloroethen Toluene Chlorobenzene	MSD MSD hene le	103 95	80-120 77-131 201860 49.80 49.80 49.80 49.80 49.80 49.80		5000. 53.55 10 47.93 96 51.32 10 49.66 10	58 58-145 5 56-126 3 50-142 90 52-125	11 0 1 0	28 26 29 29
Toluene-d8 Bromofluoroben Type: 1,1-Dichloroet Benzene Trichloroethen Toluene Chlorobenzene Dibromofluorom	MSD MSD hene le Cogate lethane	103 95	80-120 77-131 Spicked 49.80 49.80 49.80 49.80 49.80 71-128		5000. 53.55 10 47.93 96 51.32 10 49.66 10	58 58-145 5 56-126 3 50-142 90 52-125	11 0 1 0	28 26 29 29
Toluene-d8 Bromofluoroben Type: 1,1-Dichloroet Benzene Trichloroethen Toluene Chlorobenzene Dibromofluorom 1,2-Dichloroet	MSD MSD hene le Cogate lethane	103 95 95 88 98 121	80-120 77-131 5554664 49.80 49.80 49.80 49.80 49.80 49.80 49.80 49.80 71-128 69-135		5000. 53.55 10 47.93 96 51.32 10 49.66 10	58 58-145 5 56-126 3 50-142 90 52-125	11 0 1 0	28 26 29 29
Toluene-d8 Bromofluoroben Type: 1,1-Dichloroet Benzene Trichloroethen Toluene Chlorobenzene Dibromofluorom	MSD MSD Above hene le le doate hane hane-d4	103 95	80-120 77-131 Spicked 49.80 49.80 49.80 49.80 49.80 71-128		5000. 53.55 10 47.93 96 51.32 10 49.66 10	58 58-145 5 56-126 3 50-142 90 52-125	11 0 1 0	28 26 29 29

.

RPD= Relative Percent Difference Page 1 of 1

-

:



		Callifornia	LUFT Motal		
Lab #: Client:	213332	14-11-1-1	Location:	Placeworks	
Project#:	Northgate Environmental	Management	Prep:	EPA 3050B	
Matrix:			Analysis: Sampled:	EPA 6010B 07/02/09	
Units:	mg/Kg		Received:	07/07/09	
Basis:	as received		Prepared:	07/07/09	
Diln Fac:	1.000		Analyzed:	07/08/09	
Batch#:	152661			-,,,	
					2
Field ID:	B01-2.5		Lab ID:	213332-001	
Type:	SAMPLE			213332-001	
				•	
	Analytes a set of the	Regioners			
Cadmium		0.49		0.25	
Chromium		34		0,25	
Lead	•	92		0.25	
Nickel		35		0.25	
Zinc	· · · · · · · · · · · · · · · · · · ·	150		1.0	
Field ID: Type:	B06-4.0 SAMPLE		Lab ID:	213332-002	
	Analyse	E Recult			
Cadmium		ND		0.25 .	
Chromium Lead		40		0.25	
Nickel		5.9 59		0.25 0.25	
Zinc		32		1.0	
	***************************************		,,,,,,,		
Field ID: Type:	B12-3.0 SAMPLE		Lab ID:	213332-003	
Cadmium	AM IN STREET	ND		0.25	
Chromium		ND 27		0.25	
Lead		21		0.25	
Nickel		25		0.25	
Zinc		47		1.0	
ND= Not De RL= Report: Page 1 of 2					2.0



		California	NODIN VIERA	18	
Lab #:	213332		Location:	Placeworks	
Client:	Northgate Environmental	Management	Prep:	EPA 3050B	
Project#:			Analysis:	EPA 6010B	
Matrix:	Soil		Sampled:	07/02/09	
Units:	mg/Kg		Received:	07/07/09	
Basis:	as received		Prepared:	07/07/09	
Diln Fac:	. 1.000		Analyzed:	07/08/09	
Batch#:	152661	<u></u>			
Field ID:	B13-4.0		Lab ID:	213332-004	
Type:	SAMPLE				
	2nalvte:	Besudic			
Cadmium		0.31		0.25	
Chromium		30		0.25	
Lead Nickel		56		0.25	
Zinc		32		0.25	
	·	120		1.0	
Field ID:	B16-2.5		Lab ID:	213332~005	
Type:	SAMPLE			110002 000	
	Appliates	Result		ARGE IN STREET	
Cadmium		ND		0.25	
Chromium		22		0.25	
Lead .		30		0.25	
Nickel		23		0.25	
Zinc	······	88		1.0	
(T)					
Type:	BLANK		Lab ID:	QC502654	
and in the set of the	JAnany every started and	NTD		Rise and a second second	
Cadmium		ND		0.25 0.25	
Chromium		ND			
Lead		ND		0.25	
Nickel		ND		0.25	
Zinc		ND		1.0	



Curtis & Tompkins, Ltd.

Batch QC Report

		Calkikformia	EUFTIMETINE.	
Lab #:	213332		Location:	Placeworks
Client:	Northgate Environmental	Management	Prep:	EPA 3050B
Project#:	1141.08	-	Analysis:	EPA 6010B
Matrix:	Soil		Batch#:	152661
Units:	mg/Kg		Prepared:	07/07/09
Diln Fac:	1.000		Analyzed:	07/08/09

Type:	BS	Lab	ID:	QC502655	
	helvte di 🚬 🖓	Stoked		REC .	Selfemat Statistics
Cadmium		10.00	10.2	1 1.02	80-120
Chromium		100.0	98.4	9 98	80-120
Lead		100.0	100.6	101	80-120
Nickel		25.00	24.2	9 97	B0-120
Zinc		25.00	25.1	9 101	80-120

Type:	BSD	Lab ID:	QC502	2656			
	nallyber	Spiked	Result	A 4 BREC	- Julima test	RĐ). Islin - I
Cadmium		10.00	11.17	112	80-120	9	20
Chromium		100.0	105.8	106	80-120	7	20
Lead		100.0	108.8	109	60-120	8	20
Nickel		25.00	26.34	105	80-120	8	20
Zinc		25.00	27.58	110	80-120	9	20



		a lurr Metail	
Lab #:	213332		
		Location:	Placeworks
	Northgate Environmental Management	Prep:	EPA 3050B
Project#:	1141.08	Analysis:	EPA 6010B
Field ID:	ZZZZZZZZZ	Batch#:	152661
MSS Lab II	213311-001	Sampled:	07/03/09
Matrix:	Soil	Received:	07/06/09
Units:	mg/Kg	Prepared:	07/07/09
Basis:	as received	Analyzed:	07/08/09
Diln Fac:	1.000		

-

Type:

MS

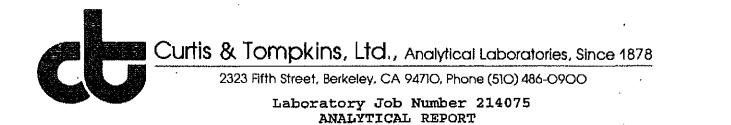
	Mercenter				
Cadmium	0.1254	10.00	10.03	99	63-120
Chromium	39.58	100.0	142.2	103	52-128
Lead	12,80	100.0	108.2	95	49-124
Nickel	38.54	25.00	66.62	112	34-148
Zinc	421.7	25.00	430.2	34. NM	25-159

Lab ID:

QC502657

Type:	MSD	Lab ID;	QC5(2658			
	wadyter the	Spiked	Resulter	REC.		FRED	IIII
Cadmium		10.00	9,908	98	63-120	1	20
Chromium		100.0	131.7	92	52-128	8	25
Lead		100.0	107.2	94	49-124	1	31
Nickel		25.00	57.55	76	34~148	15	30
Zinc		25.00	379.5	-169 N	IM 25-159	13	33

NM= Not Meaningful: Sample concentration > 4X spike concentration RPD= Relative Percent Difference Page 1 of 1



Northgate Environmental Management	Project : 1141.08
300 Frank H. Ogawa Plaza	Location : Placeworks
Oakland, CA 94612	Level : II

<u>Sample ID</u>	<u>Lab ID</u>
SA-3.5	214075-001
SB-3.5	214075-002
BE-6.0	214075-003

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signatures. The results contained in this report meet all requirements of NELAC and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

Signature:

mr.

Project Manager

NELAP # 01107CA

Date: 08/13



CASE NARRATIVE

Laboratory number: Client: Project: Location: Request Date: Samples Received:

214075 Northgate Environmental Management 1141.08 Placeworks 08/10/09 08/10/09

This data package contains sample and QC results for three soil samples, requested for the above referenced project on 08/10/09. The samples were received cold and intact.

TPH-Purgeables and/or BTXE by GC (EPA 8015B):

Matrix spikes were not reported for this analysis because the parent sample was reanalyzed in another batch. High surrogate recoveries were observed for bromofluorobenzene (FID) and trifluorotoluene (FID) in BE-6.0 (lab # 214075-003), due to interference from coeluting hydrocarbon peaks. No other analytical problems were encountered.

TPH-Extractables by GC (EPA 8015B):

No analytical problems were encountered.

Volatile Organics by GC/MS (EPA 8260B):

BE-6.0 (lab # 214075-003) was diluted due to high non-target analytes. No other analytical problems were encountered.

Metals (EPA 6010B):

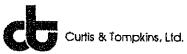
Low recoveries were observed for cadmium and lead in the MS/MSD for batch 153720; the parent sample was not a project sample, the BS/BSD were within limits, and the associated RPDs were within limits. No other analytical problems were encountered.

-	s & Tompkins, Ltd. caí Laboratory Since 1878	CH	łA		N	OF CU	S	ſÖ	DY		·					Page	l·	_of	<u> </u>
(5	2323 Fifth Street Berkeley, CA 94710 510) 486-0900 Phone (510) 486-0532 Fax	C&T	LOG			14075								A:		sis			
Project	· · · · · · · · · · · · · · · · · · ·	Sampl		10	Jux sh.o	tis@ngem	(om	Pa	invis. Dizistay	2									
Project	Name: Place works	Сотра	any:		Nar	haste				٦		F.IS							
	P.O.: 1/41.08	Teleph	one			839-065	8			0		3							
	und Time: 72-Hr			· · · ·		39- 4350				9.0		2 V							
				Ma	trix	7	Pre	esen	/ative		b								
Lab No.	Sample ID.	Sampling Date Time	Soil	Water	Waste	# of Containers	HCL	HNO3	Ę	T-PH	1 1	1-1-1							
۲.	SA -3.5	1 1345	X			2			X	X	X	X							
2	58-3.5	1350	_	<u> </u>	╞		╏╌╏┉				┿╋	┼╌┞╴┧			$\left \right $				
9	BE-6.0	+ V355	<u></u>	•						-	<u> </u>						+		
	· · · · · · · · · · · · · · · · · · ·	04															_		
· · ·		····		1						ŀ									
	<u> </u>		+	-	┝╼╍┡╸	-	+	+			1								
	······································			[_
									· · ·		-								
				+			+			-			+	<u> </u>			+		
								_											
Notes:	· · · · ·	SAMPLE RECEIPT	R	ELIN	QUIS	HED BY:			<u>, , , , , , , , , , , , , , , , , , , </u>		ECE	IVED	BY:			;			
			/	\square	H	Wa			DATE / TIM		Į,	/	1	1	n		<i>81</i> 1	<i>) /C/0</i> DATE	9/500 / TIME
		Preservative Correct?		/	~					<u>-</u>	<u> </u>	J.L.		0 <u>(</u>	Ð				
									DATE / TIM	E							<u> </u>	DATE	/ TIME
									DATE / TIM	E							Ŧ	DATE	/ TIME

COOLER RI	ECEIPT CHECKLIST	Curtis & Tompkins, Ltd.
Login # <u>2</u>] Client <u>AICP</u>	14075 Date Received <u>8-10-9</u> Number THEATE Project <u>DUTCE</u> Willy	of coolers
Date Opened Date Logged	$\frac{2-10-9}{\text{in}}$ By (print) SEWANS (sign) in By (print) (sign)	
1. Did cooler Shippi	come with a shipping slip (airbill, etc)	YES NO
How n 2B. Were cust 3. Were custo 4. Were custo 5. Is the proje	tody seals present? [] YES (circle) on cooler on sam nanyNameDate tody seals intact upon arrival? dy papers dry and intact when received? dy papers filled out properly (ink, signed, etc)? ect identifiable from custody papers? (If so fill out top of form) e packing in cooler: (if other, describe)	YES NO VA
Clot] None
Туре о	of ice used: H.Wet Blue/Gel None Temp(°	C)
A San	nples Received on ice & cold without a temperature blank	
	nples received on ice directly from the field. Cooling process h	ad begun
8. Were Meth If YES	nod 5035 sampling containers present?	YES &
9. Did all bott 10. Are sampl	les arrive unbroken/unopened?	NO VES NO
11. Are sample	e labels present, in good condition and complete?	XIES NO
12. Do the san	nple labels agree with custody papers?	(YES NO
14. Are the sar	cient amount of sample sent for tests requested?	YES NO (N/A)
15. Are bubble	es > 6mm absent in VOA samples?	YES NO NA
16. Was the cli	ient contacted concerning this sample delivery?	YES NO
If YES	, Who was called? By	Date:
COMMENTS		
¥	·	
Section:	Client Services 1.1.2 1 of I Z:\qc\forms\checklists\Cooler R	Rev. 6 Number 1 of 3 Effective: 23 July 2008 eccipt Checklist_rv6.doc

F

A _E C



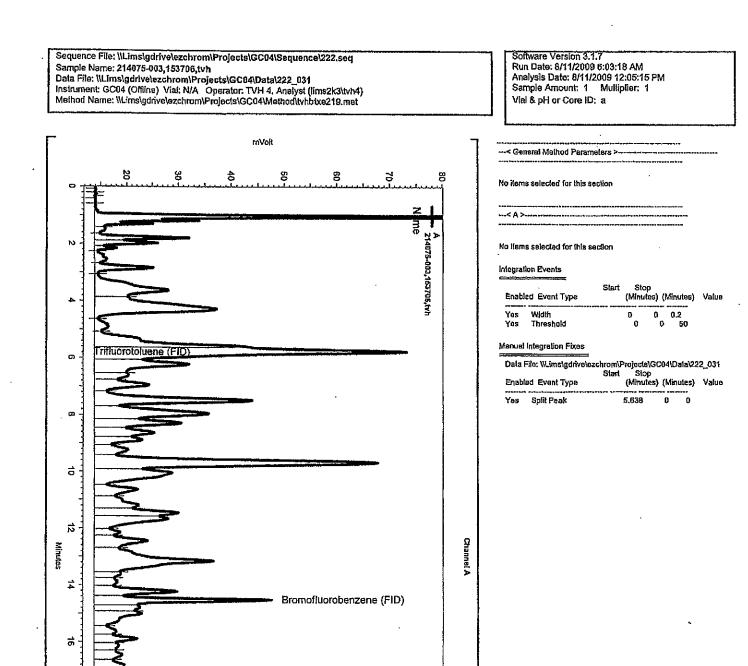
		liota	l volatil	euilychocar	dons	
Lab #: Client: Project#:	214075 Northgate Environmer 1141.08	ntal Ma	anagement	Location: Prep: Analysis:	Placeworks EPA 5030B EPA 8015B	
Matrix: Units: Basis: Diln Fac:	Soil mg/Kg as received 1.000			Batch#: Sampled: Received:	153706 08/10/09 08/10/09	· · · · · · · · · · · · · · · · · · ·
Field ID: Type:	SA-3.5 SAMPLE			Lab ID; Analyzed:	214075-001 08/11/09	
Gasoline	C7-C12		Results 1D		RI	
Trifluoro	Surfogate (FID) toluene (FID) robenzene (FID)	101 98	54-152 50-152			
Field ID: Type:	SB-3.5 SAMPLE			Lab ID: Analyzed:	214075-002 08/11/09	
Gasoline (Analyte C7-C12		NRESIDIE 10		0.99	
Trifluoro	Surcogate toluene (FID) robenzene (FID)	111 108	54-152 50-152			
Field ID: Type:	BE-6.0 SAMPLE			Lab ID: Analyzed:	214075-003 08/11/09	
_Gasoline (- Analyte:		Result 3.7)	(Rit	
Trifluoro	Sucrogate, toluene (FID) robenzene (FID)	154 153	54-152 50-152			
Type: Lab ID:	BLANK QC506897			Analyzed:	08/10/09	
Gasoline (Zooalytee C7-C12		Resulting 1D		1.0	
Trifluoro	Supreence toluene (FID) robenzene (FID)	95 87	54-152 50-152			
*= Value (Y= Sample	outside of QC limits; exhibits chromatogra	see n phic r	arrative Dattern whi	ich does not	resemble standard	
ND= Not Dei RL= Report: Page i of 1	tected	_ *				14.0



	Total Volati	e liyerogarb	DIS and the second s
Lab #:	214075	Location:	Placeworks
Client:	Northgate Environmental Management	Prep:	EPA 5030B
Project#:	1141.0B	Analysis:	EPA 8015B
Туре :	LCS	Diln Fac:	1.000
Lab ID:	QC506900	Batch#:	153706
Matrix:	Soil	Analyzed:	08/10/09
Units:	mg/Kg	-	

Analyse .		Spakede	Resulting	s as sighti	9. Dimits	
Gasoline C7-C12		10.00	9.354	94	77-120	
Surrogeterservice	C. SREC	elionis sec.				
Trifluorotoluene (FID)	139	54-152				
Bromofluorobenzene (FID)	128	50-152				

•



2

ġ

60

Page 2 of 4 (63) Curtis & Tompkins Ltd.

8

ġ

mVolt

ģ

Ŕ

8

Ŋ

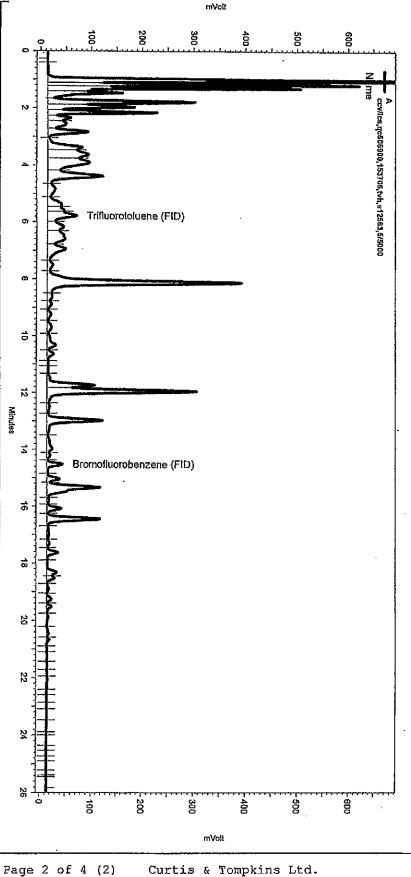
ß

24

26

7 ~f ?

Sequence File: \\Lims\gdrive\ezchrom\Projects\GC04\Sequence\222.seq Sample Name: ccv/lcs,qc506900,153706,tvh,s12563,5/5000 Data File: \\Lims\gdrive\ezchrom\Projects\GC04\Data\222_009 Instrument: GC04 (Offline) Vial: N/A Operator: TVH 4. Analyst (tims2k3\tvh4) Method Name: \\Lims\gdrive\ezchrom\Projects\GC04\Method\tvhbtxe219.met



Run Date: 8/10/2009 3:03:58 PM Analysis Date: 6/1/2009 0.047.35 AM Sample Amount: 1 Multiplier: 1 Vial & pH or Core ID: (Data Description) ---< General Method Parameters >-No items selected for this section ---< A >--No items selected for this section Integration Events Start Stop (Minutes) (Minutes) Value Enabled Event Type Widlh Threshold 0.2 50 Yes 0 0 Yes 0 0 Manuel Integration Fixes Data File: \\Lims\gdrlve\ezchrom\Projects\GG04\Data\222_008 Start Stop Enabled Event Type (Minutes) (Minutes) Value Yes Split Peak 5.637 0 0 Channel A

Software Version 3.1.7

0 -5 0



.					
		robal=Execuei			
Lab ‡ :	214075				
Client:	Northgate Environmer	ntal Management	Location: Prep:	Placeworks SHAKER TABLE	
Project#: Matrix:	<u>1141.08</u> Soil		Analysis:	EPA 8015B	
Units:	mg/Kg		Sampled: Received:	08/10/09 08/10/09	
Basis: Diln Fac:	as received		Prepared:	08/10/09	
Batch#:	1.000 153711		Analyzed:	08/11/09	
		·····			
Field ID: Type:	SA-3.5 SAMPLE		Lab ID:	214075-001	
Diesel Cl	CANALYCERS IN AN ARC	Republication 1.8			
Motor Oil		ND 1.0	L	1.0 5.0	
	Sureogace	REGENERALIS			
o-Terphen	yl	<u>73</u> 53-133			
Field ID: Type:	SB-3.5 SAMPLE		Lab ID:	214075-002	
Diesel Cl	Analyte 0-C24	BOSULCE 3.0		RD 1.0	
Motor Oil		ND		5.0	
	Superoration	SARAGE MANUS			
o-Terphen		70 53-133			
Field ID:			Lab ID:		
Type:	BE-6.0 SAMPLE		Lap ID:	214075-003	
· · · · · · · · · · · · · · · · · · ·			and the second	R	
Diesel Cl	0-C24	27 Y		1.0	
Motor Oil	C24-C36	ND		5,0	
	150000gaterose				
o-Terphen	<u>y1</u>	65 53-133			· · · · · · · · · · · · · · · · · · ·
Type:	BLANK		Lab ID:	QC506927	
rype.					
Diesel Cl	Analyte 0-C24	ND		1.0	
Motor Oil	C24-C36	ND		<u>5.0</u>	
	Surrogaters	STARECT FINISCO			
o-Terphen	y1	96 53-133			
	exhibits chromatogra		dah daca		
Y= Sample	exhibits chromatogra	nnia nattern Wh	ion does not	resempte scandard	
ND⇔ NOL DE	tected	pure preseru "u			
RL= Report: Page 1 of 1	tected	phic piccia "			17.0

-

•

.

.

•

9 of 3

.



Batch QC	Report			
		a di seri		
	Jord States States	ol-dix teracita	<u>lelesityanoozubo</u>	
Lab #:	214075	•	Location:	Placeworks
	Northgate Environmental	Management	Prep:	SHAKER TABLE
Project#:	1141.08		Analysis:	EPA 8015B
Type:	LCS		Diln Fac:	1.000
Lab ID;	QC506928		Batch#:	153711
Matrix:	Soil		Prepared:	08/10/09
Units:	mg/Kg		Analyzed:	08/11/09

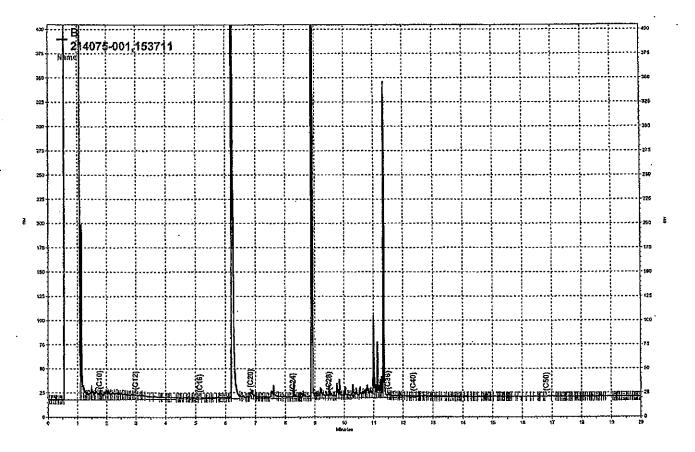
Cleanup Method: EPA 3630C

Analyter Hereit		Spaked	Résult	enovite Se	e o Arres	- Phillippi Edge	
Diesel C10-C24		50.32	38	23	76	52-128	
Summer	STREET, SPICE				Star Scales of		
					A PARTY OF A		

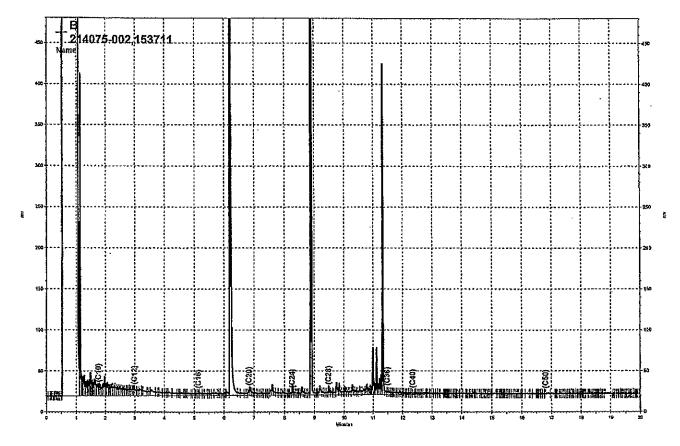


Batch QC Report

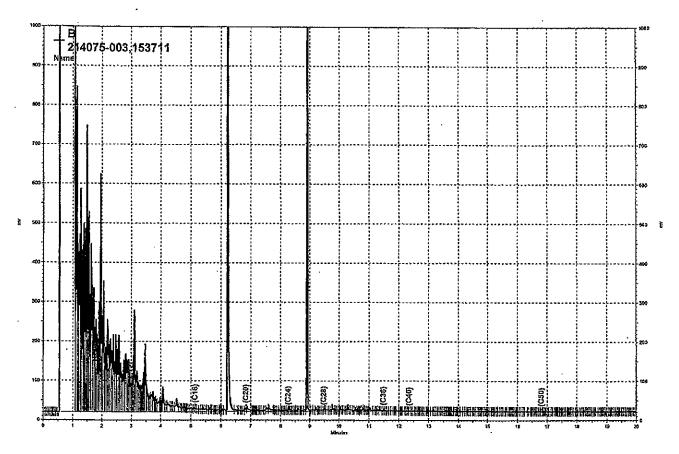
Batch QC Ke		· · · -						
		loica,E	шкекасыа	ole Fydrocarbe				
Lab #: 214	075			Location:	Plac	zeworks		
Client: Northgate Environmental Management			Prep:	SHAI	KER TABLE			
Project#: 114	1.08		-	Analysis:	EPA	8015B		
Field ID:	ZZZZZZZZZ			Batch#:	1537			
MSS Lab ID:	214078-003			Sampled:	08/1	10/09		
Matrix:	Soil			Received:		10/09		
Units:	mg/Kg			Prepared:		10/09		
Basis:	as received			Analyzed:	08/:	11/09		
Diln Fac:	1.000							
•								
Type:	MS			Cleanup Method:	EPA	3630C		
Lab ID:	QC506929			£	·			
Ana 1		MSSERE	sul d'Arra	se ne Sparke di e		(CONTRACT)		Dinates -
Diesel C10-C2	4		0.1686	49.78		51.46	103	33-145
Survey Sur								
o-Terphenyl		108	53-133					
<u></u>			22 230	-	·			
Type:	MSD			Cleanup Method:	EPA	3630C		
Lab ID:	QC506930							
	atwic		Sankea			and the second		RED BAM
Diesel C10-C2			49.79		.90	94	33-145	9 44
uu								
Sur	mogace	REC						
o-Terphenyl		100	53-133					
	· · · · · · · · · · · · · · · · · · ·							



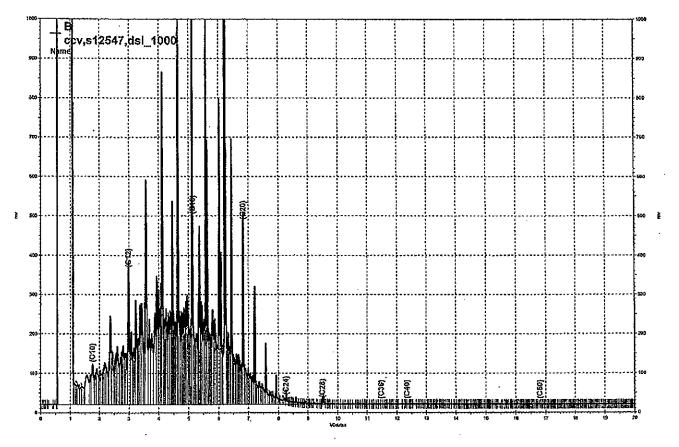
//Lims\gdrive\ezchrom\Projects\GC15B\Data\223b006, B



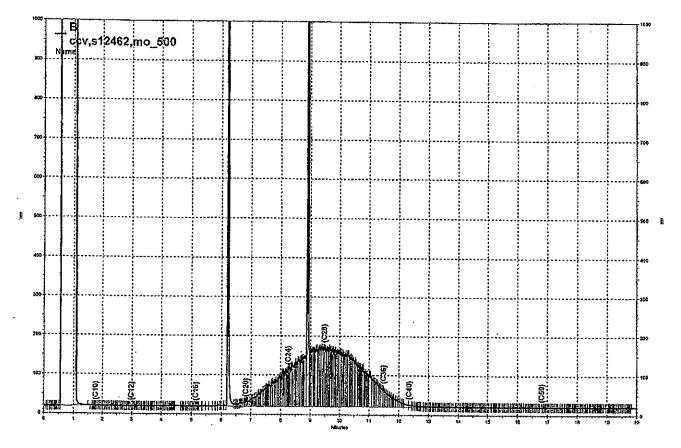
//Lims/gdrive/ezchrom/Projects/GC15B/Data/223b007, B

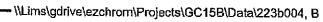


- \\Lims\gdrive\ezchrom\Projects\GC15B\Data\223b008, B











Curtis & Tompkins, Ltd.

Lab #: 214075Location:PlaceworksClient:Northgate Environmental ManagemulLocation:PlaceworksProject#:1141.08Analysis:EPA 5030BField ID:SA-3.5Diln Fact:0.9524Lab ID:214075-001Batch#:1153738Matrix:SoilSampled:08/10/09Units:ug/KgReceived:08/10/09Basis:as receivedAnalyzed:08/11/09TrichlorofluoromethaneND9.5Vinyl ChlorideND9.5BromomethaneND9.5ChloromethaneND9.5TrichlorofluoromethaneND4.8AcetoneND4.8MTBSND4.8MTBSND4.8Vinyl AcetateND4.8Vinyl AcetateND4.8Carbon DisulfideND4.8Vinyl AcetateND4.8Carbon DisulfideND4.8Carbon CichloroethaneND4.8Carbon DisulfideND4.8ChloroethaneND4.8ChloroethaneND4.8ChloroethaneND4.8ChloroethaneND4.8ChloroethaneND4.8ChloroethaneND4.8ChloroethaneND4.8ChloroethaneND4.8ChloroethaneND4.8ChloroethaneND4.8 <tr< th=""><th></th><th></th><th></th><th></th><th></th></tr<>					
Lab #:214075Location:PlaceworksClient:Northgate Environmental Management Project#:Prep:EPA 5030BProject#:1141.08Analysis:EPA 8260BField ID:SA-3.5Diln Fac:0.9524Lab ID:214075-001Batch#:153738Matrix:SoilSampled:08/10/09Units:ug/KgReceived:08/10/09Basis:as receivedAnalyzed:08/11/09Basis:as received08/11/09Barceited:ND9.5Vinyl ChlorideND9.5BromomethaneND9.5ChloroethaneND9.5ChloroethaneND4.81.1-DichloroetheneND4.8MTBBND4.8trans-1,2-DichloroetheneND4.8vinyl AcetateND4.8vinyl AcetateND4.8Carbon DisulfideND4.8vinyl AcetateND4.8LocationeND4.8Carbon DisulfideND4.8Vinyl AcetateND4.8LocationeND4.8LocationeND4.8LocationeND4.8LocationeND4.8LocationeND4.8LocationeND4.8LocationeND4.8LocationeND4.8LocationeND4.8LocationeND4.8Locatione <th></th> <th></th> <th></th> <th></th> <th></th>					
Client:Northgate Environmental Management Project#:Prep:EPA 5030BProject#:1141.08Analysis:EPA 8260BField ID:SA-3.5Diln Fac:0.9524Lab ID:214075-001Batch#:153738Matrix:SoilSampled:08/10/09Units:ug/KgReceived:08/10/09Basis:as receivedAnalyzed:08/11/09Preon 12ND9.5ChloromethaneND9.5Vinyl ChlorideND9.5BromomethaneND9.5ChloromethaneND9.5TrichloroflucomethaneND9.5TrichloroflucomethaneND4.81.1-DichloroetheneND4.8Methylene ChlorideND4.8MTBBND4.8Vinyl AcetateND4.8Carbon DisulfideND4.8MTBBND4.8Carbon DisulfideND4.8Carbon DisulfideND4.8Chloroethene </td <td></td> <td></td> <td></td> <td></td> <td></td>					
Client:Northgate Environmental Management Project#:Prep:EPA 5030BProject#:1141.08Analysis:EPA 8260BField ID:SA-3.5Diln Fac:0.9524Lab ID:214075-001Batch#:153738Matrix:SoilSampled:08/10/09Units:ug/KgReceived:08/10/09Basis:as receivedAnalyzed:08/11/09Preon 12ND9.5ChloromethaneND9.5Vinyl ChlorideND9.5BromomethaneND9.5ChloromethaneND9.5TrichloroflucomethaneND9.5TrichloroflucomethaneND4.81.1-DichloroetheneND4.8Methylene ChlorideND4.8MTBBND4.8Vinyl AcetateND4.8Carbon DisulfideND4.8MTBBND4.8Carbon DisulfideND4.8Carbon DisulfideND4.8Chloroethene </td <td>······································</td> <td></td> <td>Location</td> <td>Placeworks</td> <td></td>	······································		Location	Placeworks	
Project#: 1141.08Analysis:EPA 6260BField ID:SA-3.5Diln Fac:0.9524Lab ID:214075-001Batch#:153738Matrix:SoilSampled:08/10/09Units:ug/KgReceived:08/10/09Basis:as receivedAnalyzed:08/11/09AmaNdeControl9.5ChloromethaneND9.5Vinyl ChlorideND9.5BromomethaneND9.5ChloroftaneND9.5TrichlorofluoromethaneND9.5TrichlorofluoromethaneND4.8AcetoneND4.81.1-DichloroethaneND4.8MTBRND4.81.1-DichloroethaneND4.8MTBRND4.8MTBRND4.8Vinyl AcetateND4.8Carbon DisulfideND4.8MTBRND4.8Carbon DisulfideND4.8Carbon DisulfideND4.8Carbon DisulfideND4.8Carbon DisulfideND4.8Carbon DisulfideND4.8Carbon DisulfideND4.8Carbon DisulfideND4.8ChloroethaneND4.8ChloroethaneND4.8Carbon DisulfideND4.8Carbon DisulfideND4.8Carbon DisulfideND4.8ChloroethaneND4.8Chlorof		tal Management			
Field ID:SA-3.5Diln Fac:0.9524Lab ID:214075-001Batch#:153738Matrix:SoilSampled:08/10/09Units:ug/KgReceived:08/10/09Basis:as receivedAnalyzed:08/11/09Preon 12ND9.5ChloromethaneND9.5Vinyl ChlorideND9.5BromomethaneND9.5ChloroethaneND9.5ChloroethaneND9.5Preon 13ND4.8AcetoneND19Freon 113ND4.8AcetoneND19Freon 113ND4.81.1-DichloroethaneND19Carbon DisulfideND4.8Methylene ChlorideND4.8MatrixND4.8trans-1, 2-DichloroetheneND4.81.1-DichloroethaneND4.8Carbon DisulfideND4.81.1-DichloroethaneND4.81.1-DichloroethaneND4.81.1-DichloroethaneND4.81.1-DichloroethaneND4.82.2-DichloroethaneND4.82.2-DichloroetheneND4.82.2-DichloroetheneND4.82.2-DichloroetheneND4.82.2-DichloroetheneND4.82.2-DichloroetheneND4.82.2-DichloroetheneND4.82.2-DichloroetheneND4.8 <td></td> <td>tar Hanagement</td> <td></td> <td></td> <td></td>		tar Hanagement			
Lab ID:214075-001Batch#:153738Matrix:SoilSampled:08/10/09Units:ug/KgReceived:08/10/09Basis:as receivedAnalyzed:08/11/09AnalyzeReceived:08/11/09AnalyzeSecureSecureFreen 12ND9.5ChloromethaneND9.5Vinyl ChlorideND9.5BromomethaneND9.5ChlorofluoromethaneND9.5TrichlorofluoromethaneND4.8AcetoneND19Freen 113ND4.81.1-DichloroetheneND4.8Methylene ChlorideND19Garbon DisulfideND4.8Vinyl AcetateND4.8Vinyl AcetateND4.8Vinyl AcetateND4.8Carbon DisulfideND4.8Carbon DisulfideND4.8Carbon DisulfideND4.8Carbon DisulfideND4.8ChloroethaneND4.82-ButanoneND4.82,2-DichloroetheneND4.82,2-DichloropropaneND4.82,2-DichloropropaneND4.8ChloroformND4.8					
Matrix:SoilSampled:08/10/09Units:ug/KgReceived:08/10/09Basis:as receivedAnalyzed:08/11/09Basis:NDAnalyzed:08/11/09BromomethaneNDStrongethaneNDAnalyzed:09/11BromomethaneNDAnalyzed:09/15Carbon DisulfideNDAnalyzed:09/19Carbon DisulfideNDAnalyzed:08/11Analyzed:08/11Analyzed:08/11Analyzed:08/11Analyzed:08/11Analyzed:08/11Analyzed:08/11Analyzed:08/11Analyzed:08/11Analyzed:<	_				
Units:ug/KgReceived:08/10/09Basis:as receivedAnalyzed:08/11/09Analyzed:08/11/09Freon 12ND9.5ChloromethaneND9.5Vinyl ChlorideND9.5BromomethaneND9.5ChloroethaneND9.5ChloroethaneND9.5TrichlorofluoromethaneND9.5TrichlorofluoromethaneND9.5TrichlorofluoromethaneND19Freon 113ND4.81,1-DichloroetheneND19Carbon DisulfideND4.8MTBEND4.8Vinyl AcetateND4.81,1-DichloroetheneND4.8Vinyl AcetateND4.81,1-DichloroetheneND4.8Carbon DisulfideND4.8ChloroethaneND4.8ChloroethaneND4.8ChloroethaneND4.8ChloroethaneND4.8ChloroethaneND4.8ChloroethaneND4.8ChloroethaneND4.8ChloropropaneND4.8ChloroformND4.8	••••••		-		
Basis:as receivedAnalyzed:08/11/09Analyzed:ND9.5Freen 12ND9.5ChloromethaneND9.5BromomethaneND9.5BromomethaneND9.5ChloroethaneND9.5TrichlorofluoromethaneND9.5TrichlorofluoromethaneND4.8AcetoneND19Freen 113ND4.81,1-DichloroetheneND19Carbon DisulfideND4.8MTBBND4.8Vinyl AcetateND4.81,1-DichloroetheneND4.8Vinyl AcetateND4.82-ButanoneND4.82,2-DichloroptheneND4.8ChloropropaneND4.8ChloroformND4.8			-		-
Freen 12ND9.5ChloromethaneND9.5Vinyl ChlorideND9.5BromomethaneND9.5ChloroethaneND9.5TrichlorofluoromethaneND9.5TrichlorofluoromethaneND4.8AcetoneND19Freen 113ND4.81,1-DichloroetheneND19Carbon DisulfideND4.8MTBEND4.8trans-1,2-DichloroetheneND4.8vinyl AcetateND4.81,1-DichloroethaneND4.8Carbon DisulfideND4.8ChloroethaneND4.8ChloroethaneND4.8ChloroethaneND4.8ChloroethaneND4.8ChloroethaneND4.8ChloroethaneND4.8ChloropropaneND4.8ChloroformND4.8	5, 5			•	
Freen 12ND9.5ChloromethaneND9.5Vinyl ChlorideND9.5BromomethaneND9.5ChloroethaneND9.5ChlorofluoromethaneND9.5TrichlorofluoromethaneND4.8AcetoneND19Freen 113ND4.81,1-DichloroetheneND19Carbon DisulfideND4.8MTBEND4.8trans-1,2-DichloroetheneND4.8vinyl AcetateND4.81,1-DichloroetheneND4.8Linyl AcetateND4.82-ButanoneND9.5cis1,2-DichloroetheneND4.82-DichloroetheneND4.82-DichloroetheneND4.82-DichloroetheneND4.82-DichloroetheneND4.82-DichloroetheneND4.82-DichloroetheneND4.82-DichloroetheneND4.82-DichloroetheneND4.82-DichloroetheneND4.82,2-DichloroetheneND4.8ChloroformND4.8	<u>ub 10001702</u>				
Freen 12ND9.5ChloromethaneND9.5Vinyl ChlorideND9.5BromomethaneND9.5ChloroethaneND9.5ChlorofluoromethaneND9.5TrichlorofluoromethaneND4.8AcetoneND19Freen 113ND4.81,1-DichloroetheneND19Carbon DisulfideND4.8MTBEND4.8trans-1,2-DichloroetheneND4.8vinyl AcetateND4.81,1-DichloroetheneND4.8Linyl AcetateND4.82-ButanoneND9.5cis1,2-DichloroetheneND4.82-DichloroetheneND4.82-DichloroetheneND4.82-DichloroetheneND4.82-DichloroetheneND4.82-DichloroetheneND4.82-DichloroetheneND4.82-DichloroetheneND4.82-DichloroetheneND4.82-DichloroetheneND4.82,2-DichloroetheneND4.8ChloroformND4.8		Rectified			
ChloromethaneND9.5Vinyl ChlorideND9.5BromomethaneND9.5ChloroethaneND9.5TrichlorofluoromethaneND4.8AcetoneND19Freon 113ND4.81,1-DichloroetheneND4.8Methylene ChlorideND19Carbon DisulfideND4.8MTBRND4.8trans-1,2-DichloroetheneND4.8Vinyl AcetateND4.81,1-DichloroethaneND4.8Carbon DisulfideND4.8Carbon DisulfideND4.8Carbon DisulfideND4.8Carbon DisulfideND4.8Carbon DisulfideND4.8Carbon DisulfideND4.8ChloroethaneND4.8ChloroethaneND4.8ChloroformND4.8		ND		9.5	
Vinyl ChlorideND9.5BromomethaneND9.5ChloroethaneND9.5TrichlorofluoromethaneND4.8AcetoneND19Freon 113ND4.81,1-DichloroetheneND4.8Methylene ChlorideND19Carbon DisulfideND4.8MTBRND4.8trans-1,2-DichloroetheneND4.8Vinyl AcetateND481,1-DichloroetheneND4.8Carbon DisulfideND4.8Carbon DisulfideND4.8Carbon DisulfideND4.8ChloroethaneND4.8ChloroethaneND4.8ChloroethaneND4.82-ButanoneND4.82,2-DichloroetheneND4.8ChloroformND4.8					
BromomethaneND9.5ChloroethaneND9.5TrichlorofluoromethaneND4.8AcetoneND19Freen 113ND4.81,1-DichloroetheneND19Carbon DisulfideND19Carbon DisulfideND4.8MTBEND4.8trans-1,2-DichloroetheneND4.8vinyl AcetateND4.81,1-DichloroetheneND4.82-ButanoneND4.82,2-DichloropropaneND4.82,2-DichloropropaneND4.82,2-DichloropropaneND4.82,2-DichloropropaneND4.82,2-DichloropropaneND4.82,2-DichloropropaneND4.82,2-DichloropropaneND4.82,2-DichloropropaneND4.82,2-DichloropropaneND4.8					
ChloroethaneND9.5TrichlorofluoromethaneND4.8AcetoneND19Freon 113ND4.81,1-DichloroetheneND4.8Methylene ChlorideND19Carbon DisulfideND4.8MTBBND4.8trans-1,2-DichloroetheneND4.8Vinyl AcetateND4.81,1-DichloroethaneND4.82-ButanoneND4.82,2-DichloropropaneND4.82,2-DichloropropaneND4.82,2-DichloropropaneND4.82,2-DichloropropaneND4.82,2-DichloropropaneND4.8	-				
TrichlorofluoromethaneND4.8AcetoneND19Freon 113ND4.81,1-DichloroetheneND4.8Methylene ChlorideND19Carbon DisulfideND4.8MTBEND4.8trans-1,2-DichloroetheneND4.8Vinyl AcetateND4.81,1-DichloroethaneND4.82-ButanoneND9.5cis-1,2-DichloroetheneND4.82,2-DichloropropaneND4.82,2-DichloropropaneND4.82,2-DichloropropaneND4.8ChloroformND4.8	· -			9.5	
AcetoneND19Freon 113ND4.81,1-DichloroetheneND4.8Methylene ChlorideND19Carbon DisulfideND4.8MTBEND4.8trans-1,2-DichloroetheneND4.8Vinyl AcetateND481,1-DichloroethaneND4.82-ButanoneND9.5cis-1,2-DichloroetheneND4.82,2-DichloropropaneND4.82,2-DichloropropaneND4.82,2-DichloropropaneND4.82,2-DichloropropaneND4.82,2-DichloropropaneND4.82,2-DichloropropaneND4.82,2-DichloropropaneND4.82,2-DichloropropaneND4.82,2-DichloropropaneND4.82,2-DichloropropaneND4.8				4.8	
Freen 113ND4.81,1-DichloroetheneND4.8Methylene ChlorideND19Carbon DisulfideND4.8MTBEND4.8trans-1,2-DichloroetheneND4.8Vinyl AcetateND481,1-DichloroethaneND4.82-ButanoneND9.5cis-1,2-DichloroetheneND4.82,2-DichloropropaneND4.82,2-DichloropropaneND4.82,2-DichloropropaneND4.82,2-DichloropropaneND4.82,2-DichloropropaneND4.82,2-DichloropropaneND4.8			•	19	
1,1-DichloroetheneND4.8Methylene ChlorideND19Carbon DisulfideND4.8MTBEND4.8trans-1,2-DichloroetheneND4.8Vinyl AcetateND481,1-DichloroethaneND4.82-ButanoneND9.5cis-1,2-DichloroetheneND4.82,2-DichloropropaneND4.82,2-DichloropropaneND4.82,2-DichloropropaneND4.8				4.8	
Methylene ChlorideND19Carbon DisulfideND4.8MTBEND4.8trans-1,2-DichloroetheneND4.8Vinyl AcetateND481,1-DichloroethaneND4.82-ButanoneND9.5cis-1,2-DichloroetheneND4.82,2-DichloropropaneND4.8ChloroformND4.8				4.8	
Carbon DisulfideND4.8MTBEND4.8trans-1,2-DichloroetheneND4.8Vinyl AcetateND481,1-DichloroethaneND4.82-ButanoneND9.5cis-1,2-DichloroetheneND4.82,2-DichloropropaneND4.8ChloroformND4.8				19	
MTBEND4.8trans-1,2-DichloroetheneND4.8Vinyl AcetateND481,1-DichloroethaneND4.82-ButanoneND9.5cis-1,2-DichloroetheneND4.82,2-DichloropropaneND4.8ChloroformND4.8	n	ND		4.8	
trans-1,2-DichloroetheneND4.8Vinyl AcetateND481,1-DichloroethaneND4.82-ButanoneND9.5cis-1,2-DichloroetheneND4.82,2-DichloropropaneND4.8ChloroformND4.8		ND		4 .B	
Vinyl AcetateND481,1-DichloroethaneND4.82-ButanoneND9.5cis-1,2-DichloroetheneND4.82,2-DichloropropaneND4.8ChloroformND4.8		ND		4.8	
1,1-DichloroethaneND4.82-ButanoneND9.5cis-1,2-DichloroetheneND4.82,2-DichloropropaneND4.8ChloroformND4.8		ND		48	
2-ButanoneND9.5cis-1,2-DichloroetheneND4.82,2-DichloropropaneND4.8ChloroformND4.8		ND		4.8	
2,2-DichloropropaneND4.8ChloroformND4.8		ND		9.5	
2,2-DichloropropaneND4.8ChloroformND4.8	-1,2-Dichloroethene	ND		4.8	
Chloroform ND 4.8		ND		4.8	
		ND		4.8	
Bromochloromethane ND 4.8	mochloromethane	ND		4.8	
1,1,1-Trichloroethane ND 4.8	,1-Trichloroethane	ND		4.8	
1,1-Dichloropropene ND 4.8		ND		4.8	
Carbon Tetrachloride ND 4.8		ND		4.8	
1,2-Dichloroethane ND 4.8		ND		4.8	
Benzene ND 4.8		ND		4.8	
Trichloroethene ND 4.8	chloroethene	ND		4.8	
1,2-Dichloropropane ND 4.8	-Dichloropropane	ND		4.8	
Bromodichloromethane ND 4.8		ND		4.8	
Dibromomethane ND 4.8		ND		4. B	
4-Methyl-2-Pentanone ND 9.5	ethv1-2-Pentanone	ND		9.5	
cis-1,3-Dichloropropene ND 4.8		ND		4.8	
Toluene ND 4.8		ND		4.8	
trans-1,3-Dichloropropene ND 4.8		ND		4.8	
1,1,2-Trichloroethane ND 4.8		ND		4,8	
2-Hexanone ND 9.5	-	ND		9.5	
1,3-Dichloropropane ND 4.8		ND	,	4.8	
Tetrachloroethene ND 4.8		ND		4.8	

.

,

ND= Not Detected RL= Reporting Limit Page 1 of 2



	Purgeable Orc		M6
Lab #:	214075	Location:	Placeworks
Client:	Northgate Environmental Management	Prep:	EPA 5030B
Project#:	1141.08	Analysis:	EPA 8260B
Field ID:	SA-3.5	Diln Fac:	0,9524
Lab ID:	214075-001	Batch#:	153738
Matrix:	Soil	Sampled:	08/10/09
Units:	ug/Kg	Received:	08/10/09
Basis:	as received	Analyzed:	08/11/09

Analyte (Result	
Dibromochloromethane	ND'	4.8
1,2-Dibromoethane	ND	4.8
Chlorobenzene	ND	4.8
1,1,1,2-Tetrachloroethane	ND	4.8
Ethylbenzene	ND	4.8
m,p-Xylenes	ND	4.8
o-Xylene	ND	4.8
Styrene	ND	4.8
Bromoform	ND	4.8
Isopropylbenzene	ND	4.8
1,1,2,2-Tetrachloroethane	ND	4.8
1,2,3-Trichloropropane	ND	4.8
Propylbenzene	ND	4.8
Bromobenzene	ND	4.8
1,3,5-Trimethylbenzene	ND	4,8
2-Chlorotoluene	ND	4.8
4-Chlorotoluene	ND	4.8
tert-Butylbenzene	ND	4.8
l,2,4-Trimethylbenzene	ND	4.8
sec-Butylbenzene	ND	4.8
para-Isopropyl Toluene	ND	4.8
1,3-Dichlorobenzene	ND	4.8
1,4-Dichlorobenzene	ND	4.8
n-Butylbenzene	ND	4.8
1,2-Dichlorobenzene	ND	4.8
1,2-Dibromo-3-Chloropropane	ND	4.8
1,2,4-Trichlorobenzene	ND	4.8
Hexachlorobutadiene	ND	4.8
Naphthalene	ND	4.8
1,2,3-Trichlorobenzene	ND	4.8

Succogates -		- Damaers -	
Dibromofluoromethane	101	71-128	
1,2-Dichloroethane-d4	114	69-135	
Toluene-d8	97	80-120	
Bromofluorobenzene	106	77-131	

ND= Not Detected RL= Reporting Limit Page 2 of 2



Curtis & Tompkins, Ltd.

				2 5000000000000000000000000000000000000
	Purageable One			
Lab #: 214075		Location:		
	tol Management	• • • • • • • • • • •	Placeworks	
5	ital Management	Prep:	EPA 5030B	1
Project#: 1141.08 Field ID: SB-3.5		Analysis:	EPA 8260B	
Lab ID: 214075-002		Diln Fac: Batch#:	0.9615 153738	
Matrix: Soil		Sampled:	08/10/09	
		Received:		
Units: ug/Kg Basis: as received		Analyzed:	08/10/09 08/11/09	
Basis: as received		Anaryzeu:	00/11/03	
	Rosult			
Freon 12	ND		9.6	2012
Chloromethane	ND		9.6	ľ
Vinyl Chloride	ND		9.6	ľ
Bromomethane	ND		9.6	ľ
Chloroethane	ND		9.6	
Trichlorofluoromethane	ND		4.8	ľ
Acetone	ND		19	
Freon 113	ND		4.8	
1,1-Dichloroethene	ND		4.8	
Methylene Chloride	ND		19	
Carbon Disulfide	ND		4.8	
MTBE	ND		4.8	
trans-1,2-Dichloroethene	ND		4.8	
Vinyl Acetate	ND		48	
1,1-Dichloroethane	ND		4.8	
2-Butanone	ND		9.6	
cis-1,2-Dichloroethene	ND		4.8	
2,2-Dichloropropane	ND		4.8	
Chloroform	ND		4.8	
Bromochloromethane	ND		4.8	
1,1,1-Trichloroethane	ND		4.8	
1,1-Dichloropropene	ND		4.8	
Carbon Tetrachloride	ND		4.8	
1,2-Dichloroethane	ND		4.8	
Benzene	ND		4.8	
Trichloroethene	ND		4.8	
1,2-Dichloropropane	ND		4.8	
Bromodichloromethane	ND		4.8	
Dibromomethane	ND		4.8	
4-Methyl-2-Pentanone	ND		9.6	
cis-1,3-Dichloropropene	ND		4.8	
Toluene	ND		4.8	
trans-1,3-Dichloropropene	ND		4.8	
1,1,2-Trichloroethane	ND		4.8	
2-Hexanone	ND		9.6	
1,3-Dichloropropane	ND		4.8	

ND= Not Detected RL= Reporting Limit

₽age 1 of 2



	endesinge (ord	janies by CC	
Lab #: 214075		Location:	Placeworks
Client: Northgate Environmental	l Management	Prep:	EPA 5030B
Project#: 1141.08		Analysis:	EPA 8260B
Field ID: SB-3.5		Diln Fac:	0.9615
Lab ID: 214075-002		Batch#:	153738
Matrix: Soil		Sampled:	08/10/09
Units: ug/Kg		Received:	08/10/09
Basis: as received		Analyzed:	08/11/09
AnaliyLevel 1 199 H 199	Result		
Dibromochloromethane	ND		4.8
1,2-Dibromoethane	ND		4.8
Chlorobenzene	ND ·		4.8
1,1,1,2-Tetrachloroethane	ND		4.8
Ethylbenzene	ND		4.8
m,p-Xylenes	ND		4.8
o-Xylene	ND		4.8
Styrene	ND		4.8
Bromoform	ND		4.8
Isopropylbenzene	ND ·		4.8
1,1,2,2-Tetrachloroethane	ND		4.8
1,2,3-Trichloropropane	ND		4.8
Propylbenzene	ND		4.8
Bromobenzene	ND		4.8
1,3,5-Trimethylbenzene	ND		4.8

1,1,2,2-Tetrachloroethane	ND	4.8	
1,2,3-Trichloropropane	ND	4.8	
Propylbenzene	ND	4.8	
Bromobenzene	ND	4.8	
1,3,5-Trimethylbenzene	ND	4,8	
2-Chlorotoluene	ND	4.8	
4-Chlorotoluene	ND	4.8	
tert-Butylbenzene	ND	4.8	
1,2,4-Trimethylbenzene	ND	4.8	
sec-Butylbenzene	ND	4.8	
para-Isopropyl Toluene	ND	4.8	
1,3-Dichlorobenzene	ND	4.8	
1,4-Dichlorobenzene	ND	4.8	
n-Butylbenzene	ND	4.8	
1,2-Dichlorobenzene	ND	4.8	j j
1,2-Dibromo-3-Chloropropane	ND	4.8	
1,2,4-Trichlorobenzene	ND ·	4.8	
Hexachlorobutadiene	ND	4.8	
Naphthalene	ND	4.8	
1,2,3-Trichlorobenzene	ND	4.8	

							•		
			and the state of the state	CHILL HIS INCOME.	and a second second second	444.4 Contractor			
Provide Strategy Stra	Service Hardware	法也反复法律	IMAGS			建設的建設		A	
Dibromofluoromethane	10	6 73	L-128]
1,2-Dichloroethane-d4	13	12 69	9-135						
Toluene-d8	10	1 80)-120						
Bromofluorobenzene	1.0	6 77	7-131						

ND= Not Detected RL= Reporting Limit Page 2 of 2



Cuttis & Tompkins, Ltd.

	Purgeable Or	an itası lav ice	
Lab #:	214075	Location:	Placeworks
Client:	Northgate Environmental Management	Prep:	EPA 5030B
Project#:	1141.08	Analysis:	EPA 8260B
Field ID:	BE-6.0	Diln Fac:	4.762
Lab ID:	214075-003	Batch#:	153685
Matrix:	Soil	Sampled:	08/10/09
Units:	ug/Kg	Received:	08/10/09
Basis:	as received	Analyzed:	08/10/09

	Result		
Freon 12	ND	48	
Chloromethane	ND	48	
Vinyl Chloride	ND	48	
Bromomethane	ND	48	
Chloroethane	ND	48	
Trichlorofluoromethane	ND	24	
Acetone	ND	95	
Freon 113	ND	24	
1,1-Dichloroethene	ND	24	
Methylene Chloride	ND	95	
Carbon Disulfide	ND	24	
MTBE	ND	24	
trans-1,2-Dichloroethene	ND	24	
Vinyl Acetate	ND	240	
1,1-Dichloroethane	ND	24	
2-Butanone	ND	48	
cis-1,2-Dichloroethene	ND	24	
2,2-Dichloropropane	ND	24	1
Chloroform	ND	24	
Bromochloromethane	ND	24	
1,1,1-Trichloroethane	ND	24	
1,1-Dichloropropene	ND	24	
Carbon Tetrachloride	ND	24	
1,2-Dichloroethane	ND	24	
Benzene	ND	24	
Trichloroethene	ND	24	
1,2-Dichloropropane	ND	24	
Bromodichloromethane	ND	24	
Dibromomethane	ND	24	
4-Methyl-2-Pentanone	ND	48	
cis-1,3-Dichloropropene	ND	24	
Toluene	ND	24	
trans-1,3-Dichloropropene	ND	24	
1,1,2-Trichloroethane	ND	24	
2-Hexanone	ND	48	
1,3-Dichloropropane	ND	24	
Tetrachloroethene	ND	24	

ND= Not Detected RL= Reporting Limit Page 1 of 2

WEIRER CONTRACTOR OF THE AVERAGE



	- Purgeable Orc	CONSIGNATION CON	MS Charles and the second s
Lab #: 214075		T = = = = .	
Client: Northgate Environm	ontol Managamant	Location:	Placeworks
Project#: 1141.08	encar Management	Prep: Analysis:	EPA 5030B
Field ID: BE-6.0		Diln Fac:	EPA 8260B 4.762
Lab ID: 214075-003		Batch#:	153685
Matrix: Soil		Sampled:	0B/10/09
Units: ug/Kg		Received:	08/10/09
Basis: as received		Analyzed:	08/10/09
		Enter J BOCK	
Analyte	Security Results in	the got that is R	
Dibromochloromethane	ND		24
1,2-Dibromoethane	ND	2	24
Chlorobenzene	DИ		24
1, 1, 1, 2-Tetrachloroethane	ND		24
Ethylbenzene	ND	. 2	34 _.
m,p-Xylenes	ND		· · · · · · · · · · · · · · · · · · ·
o-Xylene	ND	2	24
Styrene .	ND	2	24
Bromoform	ND		24
Isopropylbenzene	ND	2	24
1, 1, 2, 2-Tetrachloroethane	ND	-	24
1,2,3-Trichloropropane	ND	2	24
Propylbenzene	ND	2	24
Bromobenzene	ND	2	24
1,3,5-Trimethylbenzene	ND	2	24
2-Chlorotoluene	ND	2	24
4-Chlorotoluene	. ND	2	24
tert-Butylbenzene	ND	2	24
1,2,4-Trimethylbenzene	ND	2	24
sec-Butylbenzene	ND		24
para-Isopropyl Toluene	ND	:	24
1,3-Dichlorobenzene	ND	2	24
1,4-Dichlorobenzene	ND	2	24
n-Butylbenzene	ND	2	24
1,2-Dichlorobenzene	ND		24
1,2-Dibromo-3-Chloropropane	ND	2	24
1,2,4-Trichlorobenzene	ND	:	24
Hexachlorobutadiene	ND	2	24
Naphthalene	ND		24
1,2,3-Trichlorobenzene	ND	<u></u>	24

Surroyate	REC STREE	- Linn TS
Dibromofluoromethane	103	71-128
1,2-Dichloroethane-d4	88	69-135
Toluene-d8	99	80-120
Bromofluorobenzene	111	77-131

ND= Not Detected RL= Reporting Limit Page 2 of 2

.



Curtis & Tompkins, Ltd.

Batch QC Report

	ante en la companya de la companya d	anaes) by Ge	ANS - OL STATE TO A DESCRIPTION
Lab #:	214075	Location:	· Placeworks
Client:	Northgate Environmental Management	Prep:	EPA 5030B
Project#:	1141.08	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC506811	Batch#:	1536B5
Matrix:	Soil	Analyzed:	08/10/09
Units:	ug/Kg		·

Analyte	Result		
Freon 12	ND	10	111100
Chloromethane	ND	10	•
Vinyl Chloride	ND	10	
Bromomethane	ND	10	1
Chloroethane	ND	10	
Trichlorofluoromethane	ND	5.0	
Acetone	ND	20	
Freon 113	ND	5.0	
1,1-Dichloroethene	ND	5.0	
Methylene Chloride	ND	20	
Carbon Disulfide	ND	5.0	
MTBE	ND ·	5.0	
trans-1,2-Dichloroethene	ND	5.0	
Vinyl Acetate	ND	50	
1,1-Dichloroethane	ND	5.0	
2-Butanone	ND	10	
cis-1,2-Dichloroethene	ND	5.0	
2,2-Dichloropropane	ND	.5.0	
Chloroform	ND	5.0	
Bromochloromethane	ND	5.0	
1,1,1-Trichloroethane	ND	5.0	
1,1-Dichloropropene	ND ·	5.0	
Carbon Tetrachloride	ND	5.0	
1,2-Dichloroethane	ND	5.0	
Benzene	ND	5.0	
Trichloroethene	ND	5.0	
1,2-Dichloropropane	ND	5.0	
Bromodichloromethane	ND	5.0	
Dibromomethane	ŊD	5.0	
4-Methyl-2-Pentanone	ND	10	
cis-1,3-Dichloropropene	ND	5.0	
Toluene	ND	5.0	
trans-1,3-Dichloropropene	ND	5.0	
1,1,2-Trichloroethane	ND	5.0	
2-Hexanone	ND ·	10	
1,3-Dichloropropane	ND	5.0	
Tetrachloroethene	ND	5.0	

ND= Not Detected RL= Reporting Limit Page 1 of 2



.

Curtis & Tompkins, Ltd.

Batch QC Report

.

.

	Ricceabl	e organics by GC//	18 a 19 a
Lab #:	214075	Location:	Placeworks
Client:	Northgate Environmental Manage	ment Prep:	EPA 5030B
Project#:	1141.08	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC506811	Batch#:	153685
Matrix:	Soil	Analyzed:	08/10/09
Units:	ug/Kg		

And Michigan Parts	Result	
Dibromochloromethane	ND	5,0
1,2-Dibromoethane	ND	5.0
Chlorobenzene	ND	5.0
1,1,1,2-Tetrachloroethane	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0
Styrene	ND	5,0
Bromoform	ND	5.0
Isopropylbenzene	ND	5.0
1,1,2,2-Tetrachloroethane	ND	5.0
1,2,3-Trichloropropane	ND	5.0
Propylbenzene	ND	· 5.0
Bromobenzene	ND	5.0
1,3,5-Trimethylbenzene	ND	5.0
2-Chlorotoluene	ND	5.0
4-Chlorotoluene	ND	5.0
tert-Butylbenzene	ND	5.0
1,2,4-Trimethylbenzene	ND	5.0
sec-Butylbenzene	ND	5.0
para-Isopropyl Toluene	ND	5.0
1,3-Dichlorobenzene	ND	5.0 .
1,4-Dichlorobenzene	ND	5.0
n-Butylbenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
1,2-Dibromo-3-Chloropropane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
Hexachlorobutadiene	ND	5.0
Naphthalene	ND	5.0
1,2,3-Trichlorobenzene	ND	5.0

Surfogase	S REDO	A Dimo CS
Dibromofluoromethane	110	71-128
1,2-Dichloroethane-d4	96	69-135
Toluene-d8	100	80-120
Bromofluorobenzene	112	77-131

ND= Not Detected RL= Reporting Limit Page 2 of 2

1



	Purgeablevorg	anica by <u>C</u> C/N	Sector of the
Lab #:	214075	Location:	Placeworks
Client:	Northgate Environmental Management	Prep:	EPA 5030B
Project#:	1141.08	Analysis:	EPA 8260B
Matrix:	Soil	Batch#:	153685
Units:	ug/Kg	Analyzed:	08/10/09
Diln Fac:	1.000	-	

Туре:	BS	Lab ID:	QC506	812		
	Analyte	Spukedor 200	es-Result-	SEASEC	e bundessaar var	
1,1-Dichlo	roethene	25.00	28.19	113	73-135	
Benzene		25.00	26.88	108	80-125	
Trichloroe	thene	25.00	25.26	101	80-127	
Toluene		25,00	25.20	101	80-126	
Chlorobenz	ene	25.00	24.17	97	80-120	
		·····		• • •		
	Survice and the second second	GREEK LIMMERTS CARA				
Dibromoflu	oromethane	113 71-128			<u>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</u>	

Bromofluorobenzene	109	77-131		
Toluene-d8	97	80-120		
1,2-Dichloroethane-d4	95	69-135		
Dibromofluoromethane	113	71-128		

Type: B	SD		I	Lab ID:	QC506	813			
			Spaked		Result	DA SREC	- Cinats	RPI)÷isim÷
1,1-Dichloroethen	Э		25.00		28.16	113	73-135	0	20
Benzene			25.00		26,20	105	80-125	з	20
Trichloroethene			25.00		25.54	102	80-127	1	20
Toluene			25.00		25.97	104	80-126	3	20
Chlorobenzene			25.00		24.34	97	80-120	1	20
•									
Surroga		Se SREC	a Bunits as			99			
Dibromofluorometh	ane	113	71-128						
1,2-Dichloroethan	e-d4	93	69-135						
Toluene-d8		101	80-120						
Bromofluorobenzen	e	110	77-131						

RPD= Relative Percent Difference Page 1 of 1



.

Batch QC Report

Tab #								
Lab #: 214075 Client: Northgate Enviro			Location:		eworks			
Client: Northgate Enviro Project#: 1141.08	nmental M	lanagement	Prep:		5030B			
Field ID: ZZZZZZZZZ	17		Analysis:		3260B			
MSS Lab ID: 214078-00			Batch#:	1536				
Matrix: Soil	2		Sampled:	08/10				
Units: ug/Kg			Received:	08/10				
Basis: as receiv	ođ		Analyzed:	08/1:	L/09			
					*********************************	N		
ype: MS			Diln Fac:	0.990)1			
ab ID:QC506916								
And Me	A MSS	Resulter	Sorked.		estelde a	-	L. Unin	in # i
1,1-Dichloroethene	1	<0.9488	49.50		54.50	110	58.	-145
Benzene		<0.9488	49.50		48.96	99	56-	-126
Trichloroethene		<0.9488	49.50		47.09	95	50-	-142
Toluene		<0.9488	49.50		44.97	91.	52-	-125
Chlorobenzene		<0.9488	49.50		44.28	89	46-	-120
Sucrogate.	i i kRa	C domits s						
Dibromofluoromethane	115	71-128			·····			
1,2-Dichloroethane-d4	94	69-135					•	
Toluene-d8	94	80-120						
Bromofluorobenzene	107	77-131	**************************************					
ype: MSD			Diln Fac:	0.992	21			
ab ID: QC506917								
Analyte		Spiked		sulit	- REG	- Francisses	PRPD-	J ii
1,1-Dichloroethene		49.60		53.91	109	58-145	1	28
Benzene		49.60		48.74	98	56-126	1	26
Trichloroethene		49.60		47.00	95	50~142	0	29
Toluene		49.60		44.65	90	52-125	1	29
Chlorobenzene	<u></u>	49.60		43.98	89	46-120	3	29
Suprogere	S. S. S. RE	C. Limits.						
Dibromofluoromethane	1,1,4	71-128						
1,2-Dichloroethane-d4	93	69-135						
Toluene-d8	97	80-120						
Bromofluorobenzene	108	77-131						

ł



	Putgeable org	aniice by:CeV	
Lab #:	214075	Location:	Placeworks
Client:	Northgate Environmental Management	Prep:	EPA 5030B
Project#:	1141.08	Analysis:	EPA 8260B
Type:	BLANK	Diln'Fac:	1.000
Lab ID:	QC507060	Batch#:	153738
Matrix:	Soil	Analyzed:	08/11/09
Units:	ug/Kg		

AH UNDER STATE	Roching		
Freon 12	ND	10	
Chloromethane	ND	10	
Vinyl Chloride	ND	10	
Bromomethane	ND	10	
Chloroethane	ND	10	
Trichlorofluoromethane	ND	5.0	
Acetone	ND	20	
Freon 113	ND	5.0	
1,1-Dichloroethene	ND	5.0	
Methylene Chloride	ND	20	
Carbon Disulfide	ND	5.0	
MTBE	ND	5.0	
trans-1,2-Dichloroethene	ND	5.0	
Vinyl Acetate	ND	50	
1,1-Dichloroethane	ND	5.0	
2-Butanone	ND	10	
cis-1,2-Dichloroethene	ND	5.0	
2,2-Dichloropropane	ŇD	5.0	
Chloroform	ND	5.0	
Bromochloromethane	ND	5.0	
1,1,1-Trichloroethane	ND	5.0	
1,1-Dichloropropene	ND	5.0	
Carbon Tetrachloride	ND	5.0	
1,2-Dichloroethane	ND	5.0	
Benzene	ND	5.0	
Trichloroethene	ND .	5.0	
1,2-Dichloropropane	ND	5.0	
Bromodichloromethane	ND	5.0	
Dibromomethane	ND	5.0	
4-Methyl-2-Pentanone	ND	10	
cis-1,3-Dichloropropene	ND	5.0	
Toluene	ND	5.0	
trans-1,3-Dichloropropene	ND	5.0	
1,1,2~Trichloroethane	ND .	5.0	
2-Hexanone	ND	10	
1,3-Dichloropropane	ND	5.0	
Tetrachloroethene	ND	5.0	·····

ND= Not Detected RL= Reporting Limit Page 1 of 2

.



	i en	anics by CC/M	
Lab #: Client:	214075 Northgate Environmental Management	Location: Prep:	Placeworks EPA 5030B
Project#:	1141.08	Analysis:	EPA 8260B
Type: Lab ID:	BLANK QC507060	Diln Fac: Batch#:	1.000 153738
Matrix: _Units:	Soil ug/Kg	Analyzed:	08/11/09

		*
ATTENATES INTERIOR	and the Results of	
Dibromochloromethane	ND	5.0
1,2-Dibromoethane	ND	5.0
Chlorobenzene	ND	5.0
1,1,1,2-Tetrachloroethane	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0
Styrene	ND	5.0
Bromoform	ND	5.0
Isopropylbenzene	ND	5.0
1,1,2,2-Tetrachloroethane	ND	5.0
1,2,3-Trichloropropane	ND	5,0
Propylbenzene	ND	5.0
Bromobenzene	ND	5.0
1,3,5-Trimethylbenzene	ND	5.0
2-Chlorotoluene	ND	5.0
4-Chlorotoluene	ND	5.0
tert-Butylbenzene	ND	5.0
1,2,4-Trimethylbenzene	ND	5.0
sec-Butylbenzene	ND	5.0
para-Isopropyl Toluene	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
n-Butylbenzene	ND	5.0
1,2-Dichlorobenzene	ND ·	5.0
1,2-Dibromo-3-Chloropropane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
Hexachlorobutadiene	ND	5.0
Naphthalene	ND	5.0
1,2,3-Trichlorobenzene	ND	5,0

STATES SUBROGACE A	REC SREC	
Dibromofluoromethane	97	71-128
1,2-Dichloroethane-d4	104	69-135
Toluene-d8	97	80-120
Bromofluorobenzene	109	77-131

ND= Not Detected RL= Reporting Limit Page 2 of 2



	Burgeable Org	anics by GC	
Lab #:	214075	Location:	Placeworks
Client:	Northgate Environmental Management	Prep:	EPA 5030B
Project#:	1141.08	Analysis:	EPA 8260B
Matrix:	Soil	Batch#:	153738
Units:	ug/Kg	Analyzed:	08/11/09
Diln Fac:	1.000		

Type: BS		L	ab ID:	QC50	7061		
		Sphiked		Resultation	8. SPIC	valuenti S	
1,1-Dichloroethene		25.00		24.87	99	73-135	
Benzene		25.00		24.01	96	80-125	
Trichloroethene		25.00		24.45	98	80-127	
Toluene		25.00		25.21	101	80-126	
Chlorobenzene		25.00		24.70	99	80-120	<u>.</u>
Sub-corater	a de la constante						
Dibromofluoromethane	97	71-128					
1,2-Dichloroethane-d4	93	69-135					
Toluene-d8	98	80-120					
Bromofluorobenzene	9B	77-131		•			

Type:	BSD			Lab ID:		QC5	07062			
	alvte, states		Spiked		Result	e 1. 424.	REC		RPD	
1,1-Dichloroe	thene		25.00		24	.25	97	73-135	3	20
Benzene			25.00		24	.59	9B	80-125	2	20
Trichloroethe	ne		25.00		23	.69	95	80-127	З	20
Toluene			25.00		22	.90	92	80-126	10	20
Chlorobenzene			25,00		23	.87	95	80-120	3	20
Soz	rogate	ST. SEREC	-Lamates-							
Dibromofluoro	methane	99	71-128							
1,2-Dichloroe	thane-d4	98	69-135							
Toluene-d8		95	80-120			•				
Bromofluorobe	nzene	102	77-131	•						



		Puro	eablecord	anuça by GC	/MS				
						60 - 10 - 10 - 10 - 10 - 10 - 10 - 10 -			
Lab #: 214075				Location:	Pla	ceworks			
	ate Environmen	ntal M	anagement	Prep:	EPA	5030B			
Project#: 1141.08				Analysis:	EPA	8260B			
Field ID:	ZZZZZZZZZZ			Batch#:	153	738			
MSS Lab ID:	214077-010			Sampled:	08/:	10/09			
Matrix:	Soil			Received:	08/:	10/09			
	ug/Kg			Analyzed:	08/:	11/09			
Basis:	as received					•••		. ,	
'ype: М	ទេ			Diln Fac:	1.00	00			
ab ID: Q	2C507143								
Analiyee		MASS	Reculterate	Servis Spitkedi -		Regult	S ALL SREE	Lin	
1,1-Dichloroether	1e		<0.9843	50,00		46.10	92	58-	14
Benzene			<0.9843	50.00		48.37	97	56-3	12
Trichloroethene			<0.9843	50.00		51.66	103	50-3	14
Toluene			<0.9843	50.00		47.29	95	52-3	12
Chlorobenzene			<0.9843	50.00		48.84	98	46-:	12
States Subrog		S SEE	C Linits						
Dibromofluorometh		107	71-128						
1,2-Dichloroethar	le−d4	114	69-135						
Toluene-d8		100	80-120						
Bromofluorobenzer	Le	98	77-131					·	
ype: M	ISD			Diln Fac:	0.99	901			
	2C507144			2224 2401	0.0.				
								, 	
1,1-Dichloroether	C .		Spiked - Spi	Re	sult	99 99	- 10m.ecs 58-145	RRD/ 8	卫王 28
Benzene			49.50		49.22 50.98		56-126		
Trichloroethene			49.50		50.98	103 106	50-126 50-142		26 29
Toluene	,		49.50		52.30 47.60	108 96	50-142 52-125		∡9 29
Chlorobenzene			49.50		47.60	96 94	52-125 46-120		29 29
Ch.									
A CONTRACTOR OF	ane	102	71-128						675
Dibromotiuoromern		115	69~135						
Dibromofluorometh 1.2-Dichloroethan									
Dibromofluorometh 1,2-Dichloroethan Toluene-d8		99	80-120						

ļ



· · · ·					
			10RT Meta		
Lab #: Client:	214075 Northgate Environmenta		Location:	Placeworks	
Project#:	1141.08	r Management	Prep: Analysis:	EPA 3050B EPA 6010B	
Matrix: Units:	Soil		Sampled:	08/10/09	
Basis:	mg/Kg as received		Received: Prepared:	08/10/09 08/10/09	
Diln Fac: Batch#:	1.000		Analyzed:	08/11/09	
_baccu#:	153720	<u></u>	·	· · · · · · · · · · · · · · · · · · ·	
Field ID:	SA-3.5		Lab ID:	214075-001	
Type:	SAMPLE				
	Analyteset	- Secresal -		RI	
Cadmium Chromium		ND		0.25	
Lead		22 3.1		0.25 0.25	
Nickel Zinc		15		0.25	
<u>21110</u>		17		1.0]
		•			
Field ID:	SB~3.5		Lab ID:	214075-002	
Type:	SAMPLE				
15 10 5 1 1 1 1 1 1	Anally Development of the second	Rostulate		RESERVE	
Cadmium	Aballyter	ND		0.25	
	-Analyte	ND 27		0.25 0.25	
Cadmium Chromium Lead Nickel	- Analyte: States	ND 27 3.3 21		0.25 0.25 0.25 0.25 0.25	in the second
Cadmium Chromium Lead	Analyte:	ND 27 3.3		0.25 0.25 0.25 0.25	
Cadmium Chromium Lead Nickel	Analyte	ND 27 3.3 21		0.25 0.25 0.25 0.25 0.25	
Cadmium Chromium Lead Nickel		ND 27 3.3 21	Lab ID:	0.25 0.25 0.25 0.25 1.0	
Cadmium Chromium Lead Nickel Zinc	BE-6.0 SAMPLE	ND 27 3.3 21		0.25 0.25 0.25 0.25 0.25	
Cadmium Chromium Lead Nickel Zinc Field ID: Type:	BE-6.0	ND 27 3.3 21 18	Lab ID:	0.25 0.25 0.25 0.25 1.0 214075-003	
Cadmium Chromium Lead Nickel Zinc Field ID: Type: Cadmium	BE-6.0 SAMPLE	ND 27 3.3 21 18	Lab ID:	0.25 0.25 0.25 0.25 1.0 214075-003 BID 0.25	
Cadmium Chromium Lead Nickel Zinc Field ID: Type:	BE-6.0 SAMPLE	ND 27 3.3 21 18	Lab ID:	0.25 0.25 0.25 0.25 1.0 214075-003	
Cadmium Chromium Lead Nickel Zinc Field ID: Type: Cadmium Chromium Lead Nickel	BE-6.0 SAMPLE	ND 27 3.3 21 18 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	Lab ID:	0.25 0.25 0.25 0.25 1.0 214075-003 REC: 0.25 0.25 0.25 0.25 0.25	
Cadmium Chromium Lead Nickel Zinc Field ID: Type: Cadmium Chromium Lead	BE-6.0 SAMPLE	ND 27 3.3 21 18 ND 33 5.1	Lab ID:	0.25 0.25 0.25 0.25 1.0 214075-003 RH 0.25 0.25 0.25 0.25	
Cadmium Chromium Lead Nickel Zinc Field ID: Type: Cadmium Chromium Lead Nickel	BE-6.0 SAMPLE	ND 27 3.3 21 18 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	Lab ID:	0.25 0.25 0.25 0.25 1.0 214075-003 REC: 0.25 0.25 0.25 0.25 0.25	
Cadmium Chromium Lead Nickel Zinc Field ID: Type: Cadmium Chromium Lead Nickel Zinc	BE-6.0 SAMPLE	ND 27 3.3 21 18 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	Lab ID:	0.25 0.25 0.25 0.25 1.0 214075-003 EIC 0.25 0.25 0.25 0.25 0.25 1.0	
Cadmium Chromium Lead Nickel Zinc Field ID: Type: Cadmium Chromium Lead Nickel Zinc Type:	BE-6.0 SAMPLE Acclyce BLANK	ND 27 3.3 21 18 ND 33 5.1 52 35	Lab ID: Lab ID:	0.25 0.25 0.25 0.25 1.0 214075-003 RMC25 0.25 0.25 0.25 0.25 0.25 1.0 QC506962	
Cadmium Chromium Lead Nickel Zinc Field ID: Type: Cadmium Chromium Lead Nickel Zinc Type:	BE-6.0 SAMPLE	ND 27 3.3 21 18 ND 33 5.1 52 35	Lab ID: Lab ID:	0.25 0.25 0.25 0.25 1.0 214075-003 RHC 0.25 0.25 0.25 0.25 0.25 1.0 QC506962 RE	
Cadmium Chromium Lead Nickel Zinc Field ID: Type: Cadmium Chromium Lead Nickel Zinc Type: Cadmium Chromium	BE-6.0 SAMPLE Acclyce BLANK	ND 27 3.3 21 18 ND 33 5.1 52 35 ND 33 5.1 52 35	Lab ID: Lab ID:	0.25 0.25 0.25 0.25 1.0 214075-003 RET 0.25 0.25 0.25 0.25 0.25 1.0 QC506962 RE 0.25 0.25 0.25 0.25	
Cadmium Chromium Lead Nickel Zinc Field ID: Type: Cadmium Chromium Lead Nickel Zinc Type: Cadmium	BE-6.0 SAMPLE Acclyce BLANK	ND 27 3.3 21 18 ND 33 5.1 52 35 SECOULT	Lab ID: Lab ID:	0.25 0.25 0.25 0.25 1.0 214075-003 REC 0.25 0.25 0.25 0.25 0.25 1.0 QC506962 REC 0.25	

.

ND= Not Detected RL= Reporting Limit Page 1 of 1

ł

;



	Galarforna	LUFT Metalts	
Lab #:	214075	Location:	Placeworks
Client:	Northgate Environmental Management	Prep:	EPA 3050B
Project#:	1141.08	Analysis:	EPA 6010B
Matrix:	Soil	Batch#:	153720
Units:	mg/Kg	Prepared:	08/10/09
Diln Fac:	1.000	Analyzed:	08/11/09

Туре:	BS	Lab ID	: QC50	6963	
2014 AND					
Cadmium		10.00	10.39	104	80-120
Chromium		100.0	100.1	100	80-120
Lead		100.0	99.56	100	80-120
Nickel		25.00	24.99	100	80-120
Zinc		25.00	24.85	99	80-120

Type:	BSD	Lab ID	: QC506	964			
A state	nalyter	Spi ked	Result	er - SREC	as Kadina tesa	Rei)- 14 m
Cadmium	·	10.00	10.31	103	80-120	I.	20
Chromium		100.0	98.40	98	80-120	2	20
Lead		100.0	97,57	98	80-120	2	20
Nickel		25.00	24.37	97	80-120	3	20
Zinc	······································	25.00	25.25	101	80~120	2	20



		Gallacanaca		
Lab #:	214075	······	Location:	Placeworks
	Northgate Environmental	Management	Prep:	EPA 3050B
Project#:	1141.08		Analysis:	EPA 6010B
Field ID:	ZZZZZZZZZ		Batch#:	153720
MSS Lab ID	213988-001		Sampled:	08/03/09
Matrix:	Soil		Received:	08/05/09
Units:	mg/Kg		Prepared:	08/10/09
Basis:	as received		Analyzed:	08/11/09
Diln Fac:	1.000			•

Туре:	MS		Lab ID:	QC506965		
Analy,	e.	Se Rescal to a set of	or Spiked - Krig	Readle -	S. AREC:	- Lindts
Cadmium		1.295	10.00	6.639	53 *	63-120
Chromium		132.7	100.0	193.5	61	52~128
Lead		13.35	100.0	63.22	50	49-124
Nickel		10.54	25.00	23.39	51	34-148
Zinc		13.06	25.00	27.58	58	25-159

Type:	MSD	Lab ID:	QC506	966			
	Malyter - ks = 2 %	Staked State	Résult	REC.	- In much su	GRPD	C Blue
Cadmium		9.709	5.893	47 *	63-120	9	20
Chromium		97.09	184.0	53	52-128	4	25
Lead		97.09	56.20	44 *	49-124	9	31
Nickel		24.27	20.74	42	34-148	10	30
Zinc		24.27	25.15	50	25-159	7	33

*= Value outside of QC limits; see narrative
RPD= Relative Percent Difference
Page 1 of 1

Gnorthgate

environmental management, inc.

January 7, 2010

Mr. Stuart Rickard Placeworks LLC C/O Wactor & Wick LLP 180 Grand Avenue, Suite 950 Oakland, California 94612

RE: UST Soil Sampling Test Results 3645 San Pablo Avenue Emeryville, California

Dear Mr. Rickard:

This letter summarizes the chemical test results from one soil sample collected during the inplace abandonment of an underground storage tank (UST) at 3645 San Pablo Avenue in Emeryville, California (the Site). The Site consists of an approximate 4,200 square-foot triangular shaped parcel identified as Assessor's Parcel Number 049-0480-001, located at the intersection of San Pablo Avenue and Adeline Street. The site is currently under construction for a new commercial building.

During the installation of the fire line main, an abandoned UST was encountered in the southwest corner of the Site. The UST is located beneath the corner of the building currently under construction on the Site. The tank was cleaned and properly abandoned in place on December 23, 2009 by Cornerstone Environmental Contractors, Inc, under permit from the Alameda County Department of Environmental Health (ACDEH). Under the direction and observation of Mr. Robert Weston of ACDEH, Northgate Environmental Management (Northgate) collected one soil sample from approximately two feet below the bottom of the abandoned UST. As requested by ACDEH, the sample was analyzed for a variety of chemical compounds as summarized below.

SOIL SAMPLING ACTIVITIES

On December 23, 2009, Northgate collected one soil sample at a depth of 5.5 - 6.0 feet below the ground surface (bgs) from a location approximately 2-feet east of the abandoned UST. The sample was collected from a hand-auger boring using a slide hammer fitted with a clean 2-inch diameter by 6-inch long brass tube. A photoionization detector (PID) was used to screen the soil for the presence of volatile compounds during sampling. A slight hydrocarbon odor was detected on the soil started at approximately 4 feet bgs. PID readings increased with depth from 4 feet to 5.5 feet bgs. The soil became moist at approximately 5.25 feet bgs. Mr. Weston requested that the soil sample be collected from 5.5-6.0 feet bgs. The brass tube containing the soil sample was sealed with Teflon-lined end caps, labeled, and placed on ice in a cooler for immediate transport to Curtis & Tompkins Laboratory of Berkeley, California under chain-of-custody control. The soil sample was analyzed for the following constituents in accordance with the Recommended Minimum Verification Analysis for Underground Tank Leaks, Table #2, as requested by the ACDEH:

- Total petroleum hydrocarbons (TPH) as gasoline (TPH-g), diesel (TPH-d), and oil (TPH-mo) using EPA Method 8015;
- Volatile organic compounds (VOCs) including benzene, toluene, ethylbenzene, and xylenes (BTEX), Methyl Tert-butyl Ether (MTBE), EDB and EDC, TAME, ETBE, DIPE, TBA, and EtOH, using EPA Method 8260;
- Polychlorinated biphenyls (PCBs) using EPA Method 8020;
- Pentachlorophenol (PCP) and Polynuclear Aromatic Hydrocarbons (PNAs) using EPA Method 8270;
- 1,4-Dioxane using EPA Method 8270-SIM; and
- 5-LUFT metals using EPA Method 6010.

Chemical results from the soil sample analysis are presented in Table 1. We recommend that these test results be submitted to the ACDEH in accordance with the UST abandonment permit requirements.

CLOSING

We appreciate the opportunity to provide service to you on this project. If you should have any questions or require additional information, please do not hesitate to call.

Sincerely,

Northgate Environmental Management, Inc. Dennis Laduzinsky, C.E.G., R.E.A. Principal Enclosures: Table 1 Figure 1 Laboratory Analytical Report

TABLE 1 Soil Sample Analytical Results

Analyte	Units	Soil Sample Location and Depth	Environmental Screening Level (ESL)			
		UST-1-6.0	Direct Exposure	Groundwater Protection		
TPH as Gasoline	mg/kg	980	450	180		
TPH as Diesel	mg/kg	870*	450	180		
TPH as Oil	mg/kg	3,300	3,700	пе		
Volatile Organic Compounds			- -			
Benzene	µg/kg	<770	270	2,000		
Toluene	μg/kg	2,300	210,000	9,300		
Ethylbenzene	μg/kg	1,500	5,000	4,700		
Xylenes	µg/kg	11,400	100,000	11,000		
MTBE	µg/kg	<770	65,000	ne		
ETBE	μg/kg	<770	ne	ne		
TAME	µg/kg	<770	ne	ne		
DIPE	μg/kg	<770	ne	nt		
TBA	µg/kg	<15,000	320,000,000	18,000,000		
EtOH	µg/kg	<150,000	ne	пе		
Propylbenzene	µg/kg	1,800	ne	ne		
1,3,5-Trimethylbenzene	µg/kg	5,100	200,000**	ne		
1,2,4-Trimethylbenzene	μg/kg	16,000	280,000**	ne		
2-Butanone	μg/kg	<1,500	21,000	3,900		
1,2-Dibromoethane (EDB)	μg/kg	<770	440	1,400,000		
1,2-Dichloroethane (EDC)	µg/kg	<770	480	2,000,000		
Naphthalene	μg/kg	6,300	2,800	4,800		
Other VOCs	μg/kg	ND	па	па		
Semi-Volatile Organic Compound		2 2 2 2		1 0 0 0		
Naphthalene 2-Methylnaphthalene	µg/kg	3,300	2,800	4,800		
PAH	µg/kg	6,100 ND	440,000	21,000		
PCP	µg/kg	<8,100	112	na 7,900		
Other SVOCs	μg/kg μg/kg	<8,100 ND	9,000 na	7,900 na		
1,4-Dioxane	µg/kg	<41	110,000	340,000,000		
Polychlorinated Biphenyls	1 46'*8	x	110,000	540,000,000		
Arochlor-1016	µg/kg	<15	740	14		
Arochlor-1221	μg/kg	<0	740	14		
Arochlor-1232 - 1260	μg/kg	<15	740	14		
Metals	<u></u> .	•		F		
Cedmium	mg/kg	1.4	7.4	ne		
Chromium	mg/kg	39	310,000	ne		
Lead	mg/kg	84	750	ne		
Nickel	mg/kg	51	3,400	ne		
Zinc	mg/kg	220	61,000	пе		

NOTES

mg/kg: Milligrams per kilogram (parts per million)

µg/kg: Micrograms per kilogram (parts per billion)

*: Sample exhibits chromatographic pattern which does not resemble laboratory standard

**: ESL not established, USEPA Region 9 - Regional Screening Levels for industrial soils (April 2009) shown

ND: Not detected above the laboratory method reporting limit; limits vary by compound

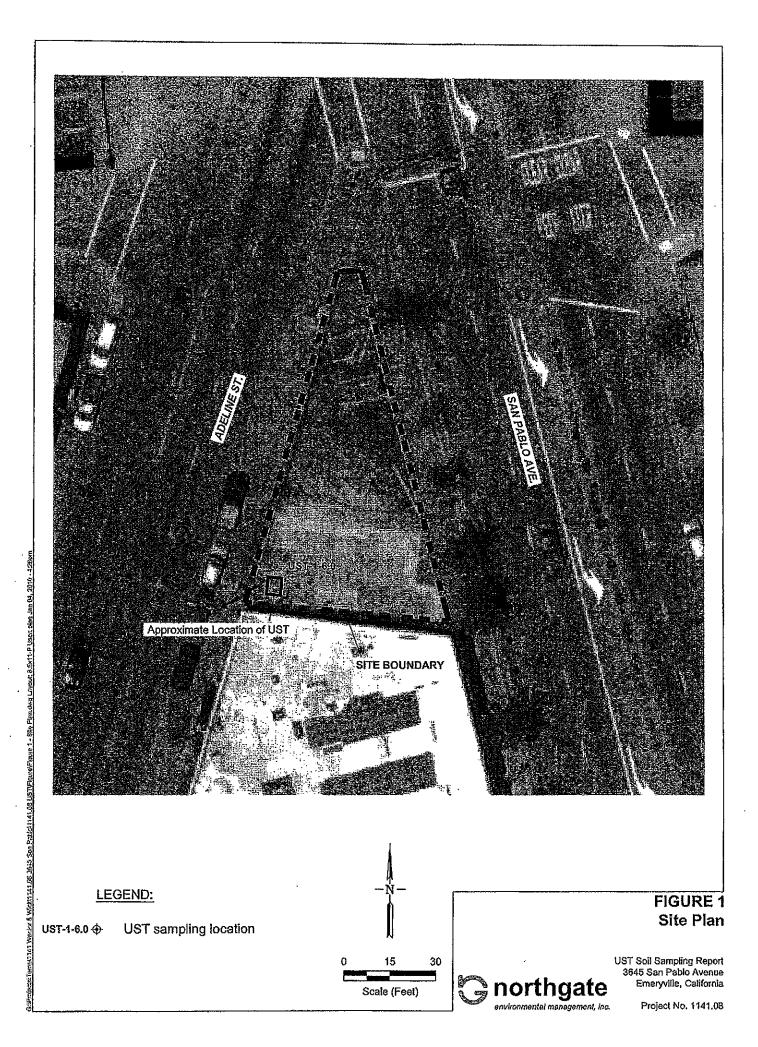
<: Not detected at or above the indicated laboratory method reporting limit

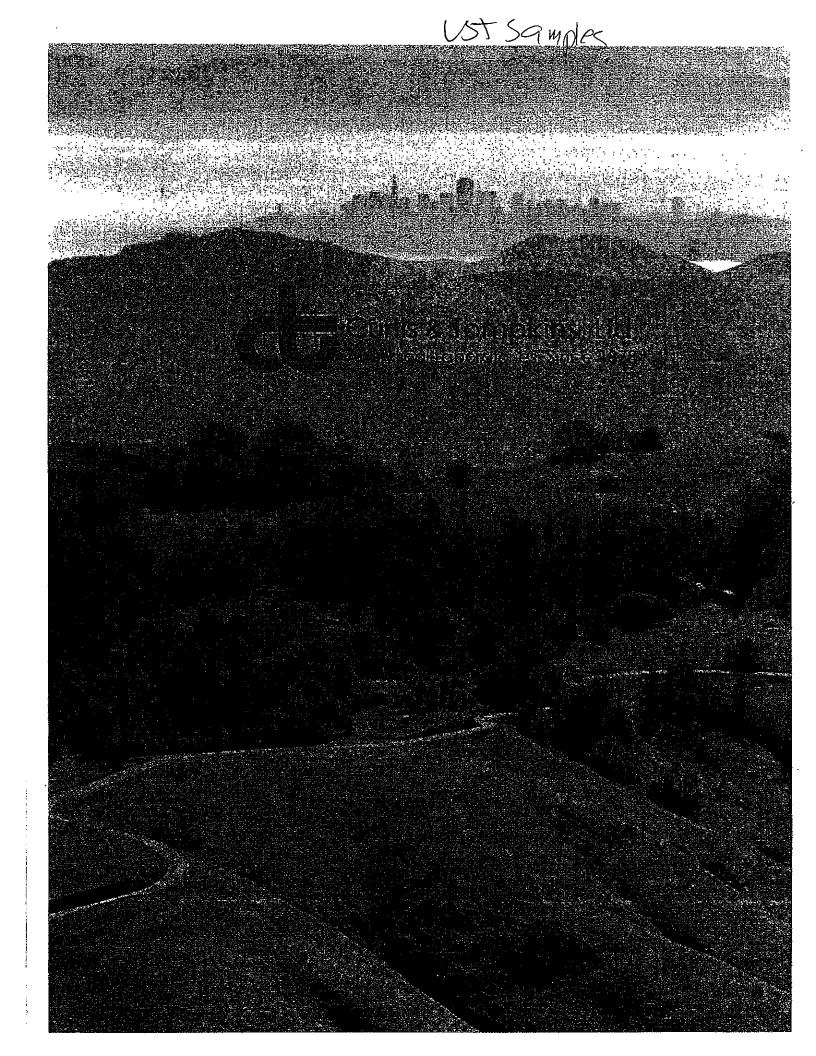
ESL: RWQCB Region 2 - Environmental Screening Levels for shallow soil (<10 feet deep)

- Commercial land use; groundwater is not a drinking water sourco

na: Not applicable

ne: Not established





Curtis & Tompkins, Ltd., Analytical Laboratories, Since 1878 2323 Fifth Street, Berkeley, CA 94710, Phone (510) 486-0900

Laboratory Job Number 217460 ANALYTICAL REPORT

Northgate Environmental Management 300 Frank H. Ogawa Plaza Oakland, CA 94612

Project : 1141.08 Location : 3645 San Pablo Ave. Level : II

<u>Sample ID</u> UST-1-0.6

Lab ID 217460-001

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature. The results contained in this report meet all requirements of NELAC and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

MRJLD Project Manager Signature:

Date: 01/05/2010

NELAP # 01107CA



CASE NARRATIVE

Laboratory number: Client: Project: Location: Request Date: Samples Received:

217460 Northgate Environmental Management 1141.08 3645 San Pablo Ave. 12/23/09 12/23/09

This data package contains sample and QC results for one soil sample, requested for the above referenced project on 12/23/09. The sample was received cold and intact.

TPH-Purgeables and/or BTXE by GC (EPA 8015B):

High surrogate recovery was observed for bromofluorobenzene (FID) in UST-1-0.6 (lab # 217460-001); the corresponding trifluorotoluene (FID) surrogate recovery was within limits. No other analytical problems were encountered.

TPH-Extractables by GC (EPA 8015B):

No analytical problems were encountered.

Volatile Organics by GC/MS (EPA 8260B):

No analytical problems were encountered.

Semivolatile Organics by GC/MS (EPA 8270C):

UST-1-0.6 (lab # 217460-001) was diluted due to high non-target analytes. No other analytical problems were encountered.

Semivolatile Organics by GC/MS SIM (EPA 8270C-SIM);

Low recoveries were observed for 1,4-dioxane in the MS/MSD for batch 158723; the parent sample was not a project sample, and the LCS was within limits. High surrogate recoveries were observed for nitrobenzene-d5 in UST-1-0.6 (lab # 217460-001) and the MS/MSD for batch 158723. No other analytical problems were encountered.

PCBs (EPA 8082):

All samples underwent sulfuric acid cleanup using EPA Method 3665A. All samples underwent sulfur cleanup using the copper option in EPA Method 3660B. Matrix spikes QC527173,QC527174 (batch 158633) were not reported because the parent sample required a dilution that would have diluted out the spikes. No other analytical problems were encountered.

Metals (EPA 6010B):

No analytical problems were encountered.

Moisture (ASTM D2216/CLP): No analytical problems were encountered.

Page 1 of 1

	gate onmental gement, inc.				CHAII	NOF	CUST	FODY	/ AN	ALYS	SES R	EQUES	st for	RM		4776C	01770
Project No.: 114 Project Name: 3 Sampler (Signature	645 SAN	2 AD		emei	Field Lo	-LE, ogbook	CA No.:	E	AR_	17 ANAL	Date: 23/0 YSES		5109		Sam	al No.: I of	
Sample No.	Date	Sample	s Lab Sample No.	No. of Containers	Sample Type	200, 576% 704-1 200, 206	ADISM BOLGISCON	1,4 DioxAne 8270m	(03,05, 96,24) (03,04)	pressore B270	MTDE TAME ENS DIRE 564, 5404		DIDH	RUSH	<u>×</u> e	UIN HUTGR	
UST-1-0.0	12/23	1540		ł	Sol	X	X	X	X	X	X				5T	ANDARD	
•																PORT RESU	
				·											PI	Pase Com or satu AMPLie	Pensate 2202D
												_					······
																······	· · · · · · · · · · · · · · · · · · ·
			······································		<u> </u>										<u> </u>		
Relinquished by: Signature)	Vert=	F	- -	Date 12/2	1 X01	Time 16	22	Recei (Signa	-	Gz	2	La		h		Date 12/23/09	Time 1622
Relinquished by:		Date		Time	Received By: (Signature)			- 11-11 - 11-11-11-11-11-11-11-11-11-11-	Date	Time							
	OFF A			Date 1 2 23/c	Time F	Comr	nents:	}							ţ		
				-		aborato † 15	-	om	Pki	ns	Aπ	J:n	1 (C	+#SMITH			

•

.

.

.

) 1 3

COOLER RECEIPT CHECKLIST

COOLER RECEIPT CHECKLIST	Curtis & Tompkins, Ltd.
Login # <u>Z17460</u> Date Received <u>12.23</u> Client <u>North Crite Environmentel</u> Project <u>3645 S</u>	Number of coolers 1
Date Opened 12->3 By (print) E2;c.s Tstal.kc (sign) Date Logged in By (print) NI JIL South (sign)	Elias Tsadil
1. Did cooler come with a shipping slip (airbill, etc) Shipping info	YES NO
 2A. Were custody seals present? □ YES (circle) on cooler How manyName 2B. Were custody seals intact upon arrival? 3. Were custody papers dry and intact when received? 4. Were custody papers filled out properly (ink, signed, etc)? 5. Is the project identifiable from custody papers? (If so fill out to 6. Indicate the packing in cooler: (if other, describe) 	DateYES NO (NA YES NO YES NO YES NO
Bubble Wrap Foam blocks Bags Cloth material Cardboard Styrofoam 7. Temperature documentation: Styrofoam	None Paper towels
Type of ice used: 📋 Wet 🛛 🕅 Blue/Gel 🗌 None	Temp(°C)
Samples Received on ice & cold without a temperature	blank
Samples received on ice directly from the field. Cooling	g process had begun
If YES, what time were they transferred to freezer?9. Did all bottles arrive unbroken/unopened?10. Are samples in the appropriate containers for indicated tests? 11. Are sample labels present, in good condition and complete?	YES NO YES NO YES NO
12. Do the sample labels agree with custody papers?13. Was sufficient amount of sample sent for tests requested?	YES NO
 14. Are the samples appropriately preserved?	YES NO ANA YES NO NA YES NO
If YES, Who was called? By COMMENTS $1/2 \neq 0 \mapsto 9 traif Lip UST - 1 - 6.0$	Date:

SOP Volume: Client Services Section: Page:

1.1.2 1 of 1

~



		Total Volati	le Hydrocarl	ons	
Lab #:	217460		Location:	3645 San Pablo	λve
Client:	Northgate Environmer	ntal Management	Prep:	EPA 5030B	AVC.
Project#:			Analysis:	EPA 8015B	
Field ID:	UST-1-0.6		Batch#;	158684	
Matrix:	Soil		Sampled:	12/23/09	
Units:	mg/Kg		Received:	12/23/09	
Basis:	dry		Analyzed:	12/28/09	
Type: Lab ID:	SAMPLE 217460-001		Moisture: Diln Fac:	19% 25.00	
Gasoline (2003-212 27-C12	Result 980		31	
				51	······································
	Stin onalies and set	States			
	toluene (FID)	123 38-168			
Bromofluor	robenzene (FID)	232 * 27-175			
Type: Lab ID:	BLANK QC527348		Diln Fac:	1.000	
	Analypever a compare	Result		Bi en regeler i de se	
Gasoline (C7-C12	ND		0.20	
	Surrogate	Service Temples			
	toluene (FID)	99 38~168			
	robenzene (FID)	100 27-175			
	(K the j	<u> </u>			

.

*= Value outside of QC limits; see narrative
ND= Not Detected
RL= Reporting Limit
Page 1 of 1

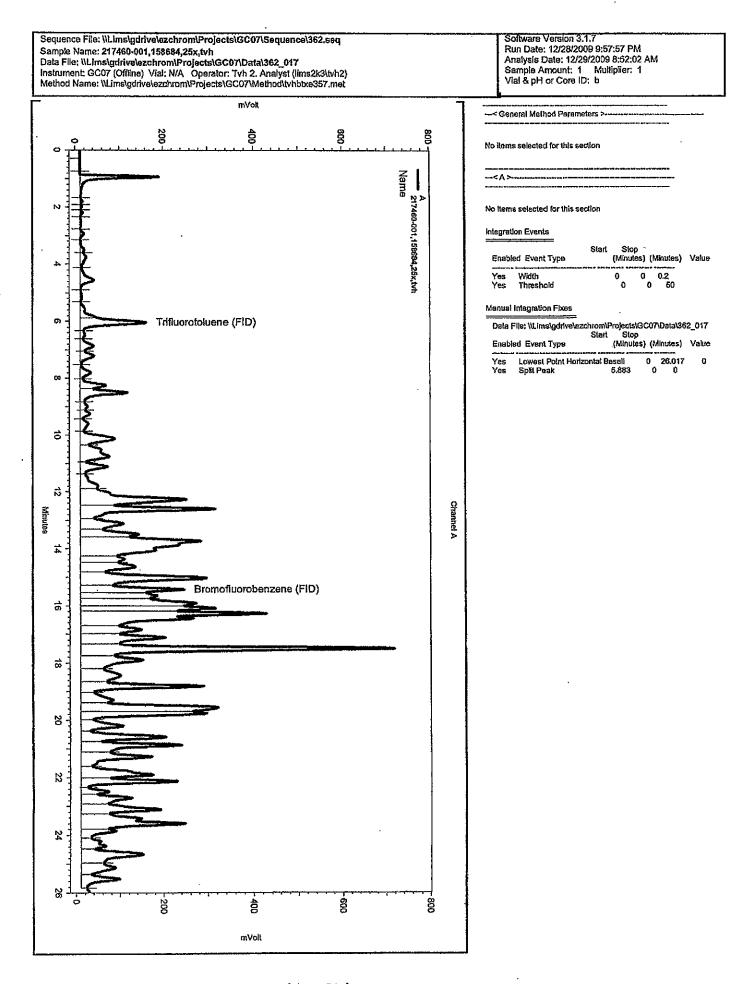


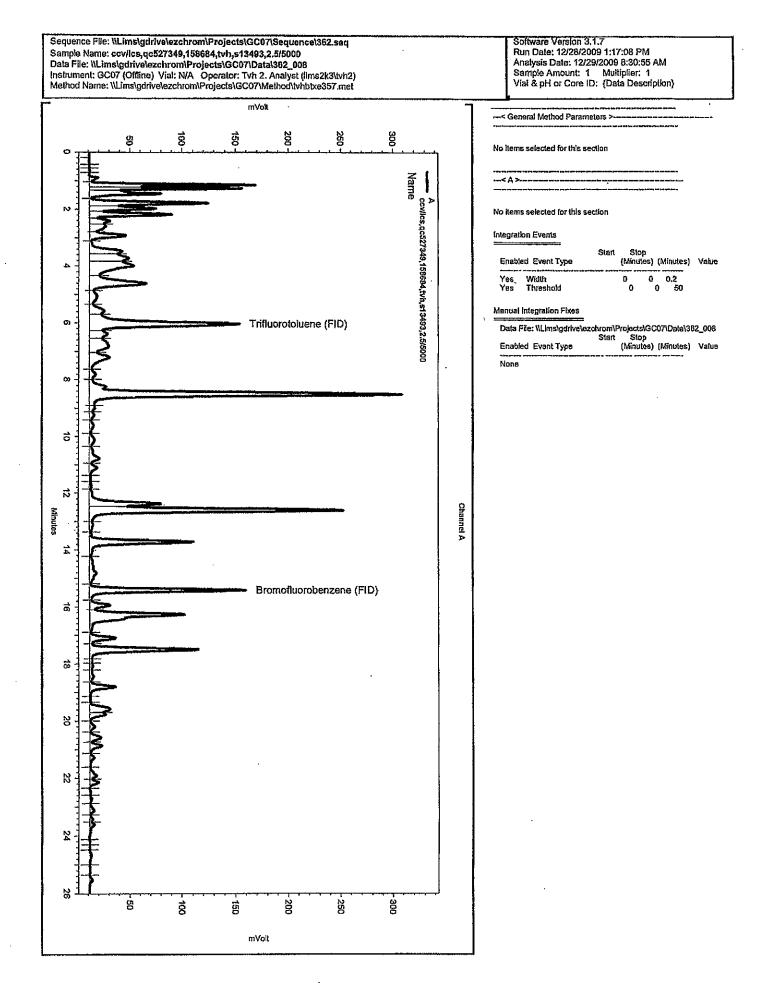
	- Total Volatul	e Hydrocarbo	$\mathbf{\hat{m}}_{\mathbf{B}_{i}}$, where $\hat{\mathbf{n}}_{i}$,
Lab #:	217460	Location:	3645 San Pablo Ave.
Client:	Northgate Environmental Management	Prep:	EPA 5030B
Project#:	1141.08	Analysis:	EPA 8015B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC527349	Batch#:	158684
Matrix:	Soil	Analyzed:	12/28/09
Units:	mg/Kg	-	• •

Analsyde		Spiked	STATE RESIDING STATES	a Rhi	- Junubsee 1	
Gasoline C7-C12		5.000	4.744	95	74-123	
State Succession and	L. E. REC	Limit States as				
Trifluorotoluene (FID)	121	38-168				
Bromofluorobenzene (FID)	107	27-175				



		Tota	volatal	eutidaccarb	ons			
Lab #: 21746	50			Location:	3645	San Pabl	lo Ave.	arganize in deposited randigues
Client: North	gate Environme	ntal Ma	inagement	Prep:	EPA 5	030B		
Project#: 1141.	08			Analysis:	EPA 8	015B		
Field ID:	ZZZZZZZZZZ			Diln Fac:	1.000)		
MSS Lab ID:	217476-001			Batch#:	15868	3 <u>4</u>		
Matrix:	Soil			Sampled:	12/23	/09		
Units:	mg/Kg			Received:	12/23	/09		
Basis:	as received			Analyzed:	12/28	/09		
								,
Type:	MS			Lab ID:	<u>0</u> C527	350		
Analy	te-	AMSST B	esukt	set Spikedk		esuite 👬	REC SREE	linits
Gasoline C7-C12			0.1622	10.42		8.416	79	14-138
		Contractor Contractor						
Surre Surre		Sector RDC	1.2mata					
Trifluorotoluer	•	115	38-168					
Bromofluorobenz	ene (RID)	110	27-175]
_								
Туре:	MSD			Lab ID:	QC527	351		
Anal	Contraction of the second second second second second		Spilkedste	Re	subt is a	· REC	Torum 1 (bS %	RPD Dam
Gasoline C7-C12			10.10		8.518	83	14-138	4 52
Sil	gate 2		S. Damates			1		
Trifluorotoluen		120	38-168			and the second		
Bromofluorobenz		114	27-175					
			و المواجد الم الماني ال					







175.4					
		Total Extrac	<u>ଟ୍ଟାର୍ମା</u> ର ::IV/ରାଜରେଟ୍ର		
Lab #: 217	460		Location:	3645 San Pablo Ave.	
	thgate Environme	ntal Management		SHAKER TABLE	
Project#: 114		-	Analysis:	EPA 8015B	
Field ID:	UST-1-0.6		Batch#:	158681	
Matrix:	Soil		Sampled:	12/23/09	1
Units:	mg/Kg		Received:	12/23/09	
Basis:	dry		Prepared:	12/28/09	
Type:	SAMPLE		Diln Fac:	20.00	
Lab ID:	217460-001		Analyzed:	12/30/09	
Moisture:	198		_		
A.	advie za lezenska	Results		Revenue and the second second second second	
Diesel C10-C2		870 Y		25	
		870 Y 3,300		25 120	
Diesel C10-C2 Motor Oil C24	-C36				
Diesel C10-C2 Motor Oil C24	-C36	3,300			
Diesel C10-C2 Motor Oil C24	-C36				
Diesel C10-C2 Motor Oil C24	-C36	3,300			
Diesel C10-C2 Motor Oil C24	-C36	3,300		120	
Diesel C10-C2 Motor Oil C24	-C36	3,300	Diln Fac:	120	
Diesel C10-C2 Motor Oil C24 o-Terphenyl Type:	-C36	3,300		120	
Diesel C10-C2 Motor Oil C24 o-Terphenyl Type: Lab ID:	BLANK QC527335	3,300	Diln Fac: Analyzed:	120	
Diesel C10-C2 Motor Oil C24 o-Terphenyl Type: Lab ID: Diesel C10-C2	BLANK QC527335	3,300 3,300 DO 16-164 CO Result ND	Diln Fac: Analyzed:	120 1.000 12/29/09 RJ 0.99	· ·
Diesel C10-C2 Motor Oil C24 o-Terphenyl Type: Lab ID:	BLANK QC527335	3,300 	Diln Fac: Analyzed:	120 1.000 12/29/09 Rf. 4	· ·
Diesel C10-C2 Motor Oil C24 o-Terphenyl Type: Lab ID: Diesel C10-C2	BLANK QC527335	3,300 DO 16-164 DO 16-164 Result ND ND	Diln Fac: Analyzed:	120 1.000 12/29/09 RJ 0.99	
Diesel C10-C2 Motor Oil C24 o-Terphenyl Type: Lab ID: Diesel C10-C2	BLANK QC527335	3,300 3,300 DO 16-164 CO Result ND	Diln Fac: Analyzed:	120 1.000 12/29/09 RJ 0.99	

Y= Sample exhibits chromatographic pattern which does not resemble standard DO= Diluted Out ND= Not Detected RL= Reporting Limit Page 1 of 1



	Total Extracto	bler Hydroca	bons with the second second
Lab #:	217460	Location:	3645 San Pablo Ave.
Client:	Northgate Environmental Management	Prep:	SHAKER TABLE
Project#:	1141.08	Analysis:	EPA 8015B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC527336	Batch#:	158681
Matrix:	Soil	Prepared:	12/28/09
Units:	mg/Kg	Analyzed:	12/28/09

Cleanup Method: EPA 3630C

. .

.

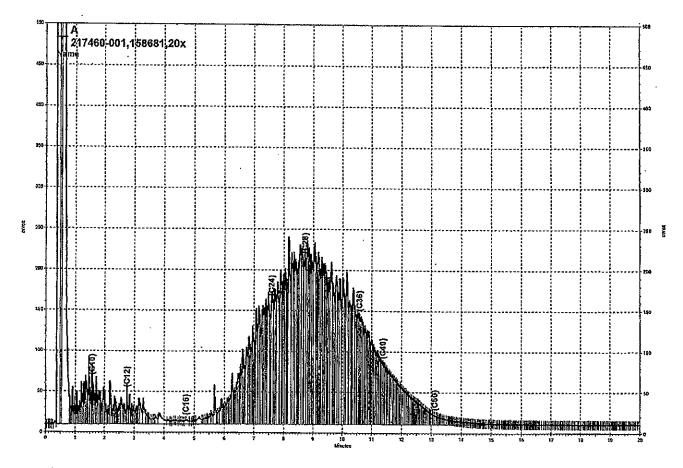
.

Ana byte		Sciked	Result sid	RE SRE	a inmates -	
Diesel C10-C24		49.97	36.84	74	36-151	
	··		- <u>,, ,, , , , , , , , , , , , , , , , , </u>		·····	
Surrogate	STREE SPREC	in chires and a second				

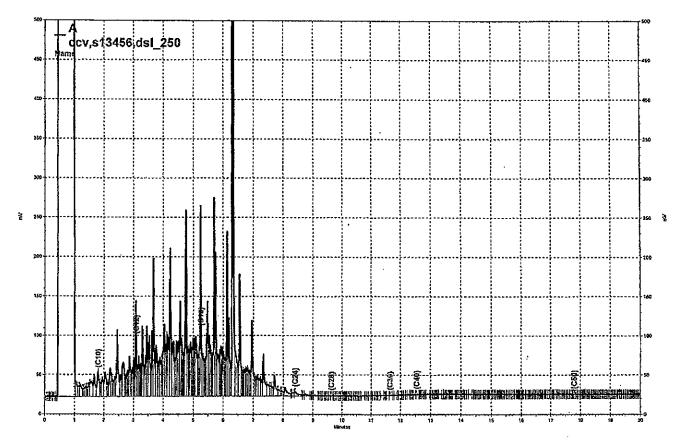


Batch	OC.	Report
Dacon	20	TOPOT C

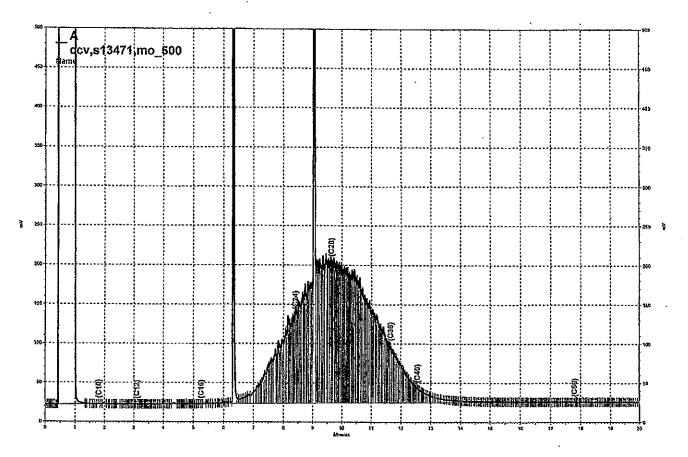
		otal.	Patracta	blerHydrocarboi	• 161				
Lab #: 21746	0			Location:	3645	5 San Pablo	o Ave.		
Client: North	gate Environmen	tal Ma	nagement	Prep:	SHAF	ER TABLE			
Project#: 1141.			-	Analysis:	EPA	8015B			
Field ID:	ZZZZZZZZZZ		·····.	Batch#:	1586	681			
MSS Lab ID:	217453-001			Sampled:	12/2	23/09			
Matrix:	Soil			Received:	12/2	23/09			
Units:	mg/Kg			Prepared:		28/09			
Basis:	dry			Analyzed:	12/2	29/09			
Diln Fac:	1.000								
Type: Lab ID:	MS QC527337	No. of Contract of Contract		Moisture: Cleanup Method:	18% EPA	3630C ·			
Analyt		MSS Re	SULPAS	Spiked	I	Kesul Cara		<u>a an a</u>	and from the state
Diesel C10-C24		± 	.5.57	121.8		54.27	32	3-1	/4
o-Terphenyl		76	16-164		100000000000000				
Type:	MSD			Moisture:	18%				
Lab ID:	QC527338			Cleanup Method:	EPA	3630C			
				·					
Anal	vie e e e		Spicked	Result			Spinies		
Diesel C10-C24			121.5	50,	22	29	3-174	8	54
	a sin a s			a se a companya da se a c					
Suctor Suctor	gate	SoftREC	in mitter						
o-Terphenyl		69	16-164					•	



//Lims\gdrive\ezchrom\Projects\GC26\Data\364a008, A







- \\Lims\gdrive\ezchrom\Projects\GC17A\Data\362a013, A



	A VOLADIO	Organucs	
Lab #: 217460		Location:	3645 San Pablo Ave.
Client: Northgate Environmental	Management	Prep:	EPA 5030B
Project#: 1141.08		<u>Analysis:</u>	EPA 8260B
Field ID: UST-1-0.6 Lab ID: 217460-001		Diln Fac: Batch#:	125.0 158796
Matrix: Soil		Sampled:	12/23/09
Units: ug/Kg		Received:	12/23/09
Basis: dry	······································	Analyzed:	01/03/10
Moisture: 19%			
Freon 12	ND	1,500	
tert-Butyl Alcohol (TBA)	ND	15,000	
Chloromethane	ND	1,500	
Isopropyl Ether (DIPE)	ND	770	
Vinyl Chloride Bromomethane	ND ND	1,500 1,500	
Ethyl tert-Butyl Ether (ETBE)	ND	1,300	
Chloroethane	ND	1,500	
Methyl tert-Amyl Ether (TAME)	ND	770	
Trichlorofluoromethane	ND	770	
Ethanol Acetone	ND ND	150,000	
Freon 113	ND	3,100 770	
1,1-Dichloroethene	ND	770	
Methylene Chloride	ND	3,100	
Carbon Disulfide	ND	770	
MTBE	ND	770	
trans-1,2-Dichloroethene	ND	770	
Vinyl Acetate 1,1-Dichloroethane	ND ND	7,700 770	·
2-Butanone	ND	1,500	
cis-1,2-Dichloroethene	ND	770	
2,2-Dichloropropane	ND	770	
Chloroform	ND	770	
Bromochloromethane	ND	770	
1,1,1-Trichloroethane	ND ND	770 770	
1,1-Dichloropropene Carbon Tetrachloride	ND	770	
1,2-Dichloroethane	ND .	770	
Benzene	ND	. 770	
Trichloroethene	ND	770	
1,2-Dichloropropane	ND	770	
Bromodichloromethane Dibromomethane	ND ND	770 770	
4-Methyl-2-Pentanone	ND	1,500	
cis-1,3-Dichloropropene	ND	770	
Toluene	2,300	770	
trans-1,3-Dichloropropene	ND	770	
1,1,2-Trichloroethane	ND	770	
2-Hexanone	ND ND	1,500 770	
1,3-Dichloropropane Tetrachloroethene	ND	770	
Dibromochloromethane	ND	770	
1,2-Dibromoethane	ND	770	
Chlorobenzene	ND	770	
1,1,1,2-Tetrachloroethane	ND	770	
Ethylbenzene	1,500	770	
m, p-Xylenes	7,400	770	
o-Xylene	4,000 ND	770 770	
Styrene Bromoform	ND	770	
Isopropylbenzene	ND	770	

ND= Not Detected RL= Reporting Limit Page 1 of 2



	A A A A A A A A A A A A A A A A A A A	• Organics	
		So galles -	
Lab #: 217460		Location:	3645 San Pablo Ave.
Client: Northgate Environme	ental Management	Prep:	EPA 5030B
<u>Project#: 1141.08</u>		Analysis:	EPA 8260B
Field ID: UST-1-0.6		Diln Fac:	125.0
Lab ID: 217460-001		Batch#;	158796
Matrix: Soil		Sampled:	12/23/09
Units: ug/Kg		Received:	12/23/09
Basis: dry		<u>Analyzed:</u>	_01/03/10
Analyba			
1,1,2,2-Tetrachloroethane	ND		
1,2,3-Trichloropropane	ND	770 770	
Propylbenzene	1,800	770	
Bromobenzene	ND	770	
1,3,5-Trimethylbenzene	5,100	770	1
2-Chlorotoluene	ND OW	770	
4-Chlorotoluene	ND	770	
tert-Butylbenzene	ND	770	
1,2,4-Trimethylbenzene	16,000	770	
sec-Butylbenzene	ND	770	
para-Isopropyl Toluene	ND .	770	
1,3-Dichlorobenzene	ND	770	
1,4-Dichlorobenzene	ND	770	
n-Butylbenzene	2,200	770	
1,2-Dichlorobenzene	ND	770	
1,2-Dibromo-3-Chloropropane	ND	770	
1,2,4-Trichlorobenzene Hexachlorobutadiene	ND	770	
Naphthalene	ND	770	
1,2,3-Trichlorobenzene	6,300	770	
TV212_ITICITOTODEUSEUG	ND	. 770	
Subrogate	ARC OF AN AN ALCO		
Dibromofluoromethane	96 59-139		
1,2-Dichloroethane-d4	104 54-153		
Toluene-d8	96 83-118		
Bromofluorobenzene	100 61-146		
Trifluorotoluene (MeOH)	109 25-170		

.

ND= Not Detected RL= Reporting Limit Page 2 of 2



.

Batch QC Report		
	volatile	Nordanics I is the market of the second
Lab #: 217460		
Client: Northgate Environmenta	1 Management	Location: 3645 San Pablo Ave. Prep: EPA 5030B
Project#: 1141.08	ir Hallagement	Prep: EPA 5030B Analysis: EPA 8260B
Type: BLANK		Diln Fac: 1.000
Lab ID: QC527795		Batch#: 158796
Matrix: Soil		Analyzed: 01/03/10
Units: ug/Kg		
	Result	
Freon 12	ND	10
tert-Butyl Alcohol (TBA)	ND	100
Chloromethane	ND	10
Isopropyl Ether (DIPE)	ND	5.0
Vinyl Chloride	ND	10
Bromomethane	ND	10
Ethyl tert-Butyl Ether (ETBE)	ND	5.0
Chloroethane Methyl tert-Amyl Ether (TAME)	ND	10
Trichlorofluoromethane	ND ND	5.0 5.0
Ethanol	ND	1,000
Acetone	ND	20
Freon 113	ND	5.0
1,1-Dichloroethene	ND	5.0
Methylene Chloride	ND	20
Carbon Disulfide MTBE	ND	5.0
trans-1,2-Dichloroethene	ND ND	. 5.0
Vinyl Acetate	ND	5.0 50
1,1-Dichloroethane	ND	5.0
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	5.0
2,2-Dichloropropane	ND	5.0
Chloroform	ND	5.0
Bromochloromethane	ND	5.0
1,1,1-Trichloroethane 1,1-Dichloropropene	ND	5.0
Carbon Tetrachloride	ND ND	5.0 5.0
1,2-Dichloroethane	ND	- 5.0
Benzene	ND	5.0
Trichloroethene	ND	5.0
1,2-Dichloropropane	ND	5.0
Bromodichloromethane	ND	5.0
Dibromomethane	ND	5.0
4-Methyl-2-Pentanone cis-1,3-Dichloropropene	ND ND	
Toluene	ND	5.0 5.0
trans-1,3-Dichloropropene	ND	5.0
1,1,2-Trichloroethane	ND	5.0
2-Hexanone	ND	10
1,3-Dichloropropane	ND .	5.0
Tetrachloroethene	ND	5.0
Dibromochloromethane	ND ND	5.0
1,2-Dibromoethane Chlorobenzene	ND	5.0 5.0
1,1,1,2-Tetrachloroethane	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5,0
o-Xylene	ND	5.0
Styrene	ND	5.0
Bromoform	ND	5.0
Isopropylbenzene	ND	5.0
1, 1, 2, 2-Tetrachloroethane	ND ND	5.0
1,2,3-Trichloropropane		5.0

. ·

ND= Not Detected RL= Reporting Limit Page 1 of 2



Lab #: 217460		Location:	3645 San Pablo Ave.
Client: Northgate Environment	al Management	Prep:	EPA 5030B
Project#: 1141.08 Type: BLANK		<u>Analysis:</u>	EPA 8260B
Lab ID: QC527795		Diln Fac:	1.000
Matrix: Soil		Batch#: Analyzed:	158796
Units: ug/Kg		Anaryzeu:	01/03/10
Analyter states	Result		References
Propylbenzene	ND		5.0
Bromobenzene	ND		5.0
1,3,5-Trimethylbenzene	ND		5.0
2-Chlorotoluene	ND		5.0
4-Chlorotoluene	ND		5.0
tert-Butylbenzene	ND		5.0
1,2,4-Trimethylbenzene	ND		5.0
sec-Butylbenzene	ND		5.0
para-Isopropyl Toluene 1,3-Dichlorobenzene	ND ND		5.0
1,4-Dichlorobenzene	ND		5.0
n-Butylbenzene	ND		5.0 5.0
1,2-Dichlorobenzene	ND		5.0
1.2-Dibromo-3-Chloropropane	ND		5.0
1,2-Dibromo-3-Chloropropane 1,2,4-Trichlorobenzene	ND		5.0
Hexachlorobutadiene	ND		5.0
Naphthalene	ND		5.0
1,2,3-Trichlorobenzene	ND		5.0
Dibromofluoromethane	99 59-139		
1,2-Dichloroethane-d4	99 59-139 102 54-153		
Toluene-d8	98 83-118		
Bromofluorobenzene	95 61~146		
DZONOTIEOTODENZCHC	<u> </u>		

ND= Not Detected RL= Reporting Limit Page 2 of 2

.

.



volati	le Organnies	
Lab #: 217460 Client: Northgate Environmental Management <u>Project#: 1141.08</u>	Location: Prep: Analysis:	3645 San Pablo Ave. EPA 5030B EPA 8260B
Matrix: Soll Units: ug/Kg Diln Fac: 1.000	Batch#: Analyzed:	158796 01/03/10

Type: BS		La	b ID:	QC52	7797		
Analyteset		Spilked	R	ischlitz	SERES.		
tert-Butyl Alcohol (TBA)		100.0		86.81	87	32-148	
Isopropyl Ether (DIPE)		20.00		17.43	87	43-148	
Ethyl tert-Butyl Ether (E	rbe)	20.00		17.65	88	51-139	
Methyl tert-Amyl Ether (Th	AMEİ	20.00		18.08	90	65-131	
1,1-Dichloroethene	•	20.00		20.27	101	61-145	
Benzene		20.00		20.29	101	73-134	
Trichloroethene		20.00		20.26	101	71-137	
Toluene		20.00		19.52	98	72-134	
Chlorobenzene		20.00	<u> </u>	19.32	97	76-126	
Surrodecerson							
Dibromofluoromethane	100	59-139					. One of the second
1,2-Dichloroethane-d4	110	54-153					
Toluene-d8	97	83-118	•				
Bromofluorobenzene	94	61-146					

Type: BSD		Lab ID:	QC5277	98			
tert-Butyl Alcohol (T Isopropyl Ether (DIPE Ethyl tert-Butyl Ethe Methyl tert-Amyl Ethe 1,1-Dichloroethene Benzene Trichloroethene Toluene Chlorobenzene) r (ETBE) r (TAME)	GalSa (Second Second Se	Cestell (5, 23, 24, 54, 78, 19, 17, 42, 17, 75, 18, 13, 20, 13, 19, 99, 20, 25, 19, 25, 19, 30, 25, 19, 30, 25, 19, 30, 25, 19, 30, 25, 19, 30, 25, 19, 30, 25, 19, 30, 25, 19, 30, 25, 19, 30, 25, 19, 30, 25, 19, 30, 25, 19, 30, 25, 19, 30, 25, 19, 30, 25, 10, 25, 10, 20, 20, 25, 10, 20, 20, 25, 10, 20, 20, 25, 10, 20, 20, 25, 10, 20, 20, 20, 20, 20, 20, 20, 20, 20, 2	23REC 78 87 89 91 101 100 101 96 96	$\begin{array}{c} \textbf{9}, \textbf{m1128}\\ \textbf{32-148}\\ \textbf{43-148}\\ \textbf{51-139}\\ \textbf{65-131}\\ \textbf{61-145}\\ \textbf{73-134}\\ \textbf{71-137}\\ \textbf{72-134}\\ \textbf{76-126} \end{array}$	RBD10 10 0 1 0 1 2 0 1 0	20 20 22 21 22 19 19 19 19
Dibromofluoromethane 1,2-Dichloroethane-d4 Toluene-d8 Bromofluorobenzene	100 59- 107 54- 97 83-	139 153 118 146					<u>4</u> 1



		Wollaturle	organies				
Lab #: 217460 Client: Northgate Environme: Project#: 1141.08	ntal Ma	inagement	Location: Prep: Analysis:	3645 S EPA 50 EPA 82		o Ave.	
Field ID: ZZZZZZZZZ MSS Lab ID: 217527-004 Matrix: Soil Units: ug/Kg Basis: as received		- 11	Batch#: Sampled: Received: Analyzed:	158790 12/30, 12/30, 01/03,	5 /09 /09		
Type: MS			Diln Fac:	0.9543	``````````````````````````````````````		
Lab ID: QC527805			DIII FaC:	0.9042	2		
tert-Butyl Alcohol (TBA) Isopropyl Ether (DIPE) Ethyl tert-Butyl Ether (ETBE) Methyl tert-Amyl Ether (TAME) 1,1-Dichloroethene Benzene Trichloroethene Toluene Chlorobenzene	A A A A A A A A A A A A A A A A A A A	$\begin{array}{c} 8.28 \times 60144 \\ <18.87 \\ <0.9434 \\ <0.9434 \\ <0.9434 \\ <0.9434 \\ <0.9434 \\ <0.9434 \\ <0.9434 \\ <0.9434 \\ <0.9434 \\ <0.9434 \\ <0.9434 \\ <0.9434 \end{array}$	238.5 238.5 47.7 47.7 47.7 47.7 47.7 47.7 47.7 47		19411 36.48 38.02 39.29 48.26 44.98 44.81 41.15 39.85	886 81 76 80 82 101 94 94 86 84	$\begin{array}{c} 121011283\\ 22-153\\ 28-152\\ 39-144\\ 52-133\\ 47-163\\ 53-139\\ 40-167\\ 49-139\\ 40-138\\ \end{array}$
Sucrogate Dibromofluoromethane 1,2-Dichloroethane-d4 Toluene-d8 Bromofluorobenzene	99 105 96 93	1000455 59-139 54-153 83-118 61-146					
Type: MSD Lab ID: QC527806			Diln Fac:	0.9452			
Analyte tert-Butyl Alcohol (TBA) Isopropyl Ether (DIPE) Ethyl tert-Butyl Ether (ETBE) Methyl tert-Amyl Ether (TAME) 1,1-Dichloroethene Benzene Trichloroethene Toluene Chlorobenzene		236.3 47.26 47.26 47.26 47.26 47.26 47.26 47.26 47.26 47.26 47.26		205.1 37.55 39.35 40.44 47.29 43.47 41.78 38.77 35.61	87 87 79 83 86 100 92 88 82 75	22-153 28-152 39-144 52-133 47-163 53-139 40-167 49-139 40-138	BPD Link 6 41 4 29 4 28 4 27 1 37 2 35 6 31 5 33 10 37
Dibromofluoromethane 1,2-Dichloroethane-d4 Toluene-d8 Bromofluorobenzene	98 98 105 96 94	59-139 54-153 83-118 61-146					

ł

.

.

.

,

.

.



	Semi	volatile c	boganu.cisi.lov	CC/MS
Lab #: Client:	217460		Location:	3645 San Pablo Ave.
<u>Project#:</u> Field ID:	Northgate Environmental 1141.08	Management	Prep: Analysis:	EPA 3550B EPA 8270C
Lab ID:	217460-001		Batch#: Sampled:	158695 12/23/09
Matrix: Units:	Soil ug/Kg		Received: Prepared:	12/23/09 12/29/09
Basis: <u>Diln Fac:</u>	dry 10.00		Analyzed:	12/30/09

Moisture:

.

198

	171.4 - 271.4 - 4 - 4 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	
	Resulter	
N-Nitrosodimethylamine	ND	4,100
Phenol	ND	4,100
bis(2-Chloroethyl)ether	ND	4,100
2-Chlorophenol 1,3-Dichlorobenzene	ND	4,100
	ND	4,100
1,4-Dichlorobenzene	ND	4,100
Benzyl alcohol	ND	4,100
1,2-Dichlorobenzene	ND	4,100
2-Methylphenol	ND	4,100
bis(2-Chloroisopropyl) ether 4-Methylphenol	ND	4,100
N-Nitrogo-di-pupponulomine	ND	4,100
N-Nitroso-di-n-propylamine	ND	4,100
Hexachloroethane Nitrobenzene	ND	4,100
Isophorone	ND	4,100
2-Nitrophenol	ND '	4,100
2,4-Dimethylphenol	ND ND	8,100
		4,100
Benzoic acid bis(2-Chloroethoxy)methane	ND ND	20,000
2,4-Dichlorophenol	ND	4,100
1, 2, 4-Trichlorobenzene	ND	4,100
Naphthalene		4,100
4-Chloroaniline	3,300 ND	810
Hexachlorobutadiene	ND	4,100
4-Chloro-3-methylphenol	ND	4,100
2-Methylnaphthalene	6,100	4,100
Hexachlorocyclopentadiene	ND ND	810
	ND	8,100
2,4,6-Trichlorophenol	ND	4,100
2,4,5-Trichlorophenol 2-Chloronaphthalene	ND	4,100
2-Nitroaniline	ND	4,100
Dimethylphthalate	ND	8,100
Acenaphthylene	ND	4,100 810
2,6-Dinitrotoluene	ND	
3-Nitroaniline	ND	4,100
Acenaphthene	ND	8,100 810
2,4-Dinitrophenol	ND .	8,100
4-Nitrophenol	ND	
Dibenzofuran	ND	8,100
2,4-Dinitrotoluene	ND	4,100 4,100
	ND	
Diethylphthalate Fluorene	ND	4,100
		810
4-Chlorophenyl-phenylether	ND	4,100
4-Nitroaniline	ND	8,100
4,6-Dinitro-2-methylphenol	ND	8,100
N-Nitrosodiphenylamine	ND	4,100
Azobenzene	ND	4,100
4-Bromophenyl-phenylether	ND	4,100
Hexachlorobenzene	ND	4,100
Pentachlorophenol	ND	8,100

DO= Diluted Out ND= Not Detected RL= Reporting Limit Page 1 of 2



Lab #: 217460 Client: Northgate Environme Project#: 1141.08 Field ID: UST-1-0.6 Lab ID: 217460-001 Matrix: Soil Units: ug/Kg Basis: dry Diln Fac: 10.00		Drgannics dog. GG/ Location: Prep: Analysis: Batch#: Sampled: Received: Prepared: Analyzed:	MSS 3645 San Pablo Ave. EPA 3550B EPA 8270C 158695 12/23/09 12/23/09 12/29/09 12/29/09 12/30/09
Phenanthrene Anthracene Di-n-butylphthalate Fluoranthene Pyrene Butylbenzylphthalate 3,3'-Dichlorobenzidine Benzo(a)anthracene Chrysene bis(2-Ethylhexyl)phthalate Di-n-octylphthalate Benzo(b)fluoranthene Benzo(k)fluoranthene Benzo(a)pyrene Indeno(1,2,3-cd)pyrene Dibenz(a,h)anthracene Benzo(g,h,i)perylene	ND ND ND ND ND ND ND ND ND ND ND ND ND N	RE: 810 810 4,100 810 4,100 8,100 8,100 810 4,100 4,100 4,100 4,100 810 810 810 810 810 810 810	
2-Fluorophenol Phenol-d5 2,4,6-Tribromophenol Nitrobenzene-d5 2-Fluorobiphenyl Terphenyl-d14	DO 14-124 DO 12-123 DO 10-118 DO 27-106 DO 30-113 DO 18-133		

DO= Diluted Out ND= Not Detected RL= Reporting Limit Page 2 of 2



.

Daten de Report			
Ser	NVOLA CALLER	eganoles by de	MS (Carlos Carlos C
Lab #: 217460		Location:	3645 San Pablo Ave.
Client: Northgate Environmenta	1 Management		
Project#: 1141.08	r Management	Prep;	EPA 3550B
		<u>Analysis:</u>	EPA 8270C
Type: BLANK		Diln Fac:	1.000
Lab ID: QC527412		Batch#:	158695
Matrix: Soil			
		Prepared:	12/29/09
Units: ug/Kg		Analyzed:	12/29/09
	Result		
N-Nitrosodimethylamine	ND	340	
Phenol	ND	340	
bis(2-Chloroethyl)ether	ND		
2-Chlorophenol		340	
	ND	340	
1,3-Dichlorobenzene	ND	340	
1,4-Dichlorobenzene	ND	340	
Benzyl alcohol	ND	340	
1,2-Dichlorobenzene	ND		
2 - Mathirly honol		340	
2-Methylphenol	ND	340	
bis(2-Chloroisopropyl) ether	ND	340	
4-Methylphenol	ND	340	
N-Nitroso-di-n-propylamine	ND	340	
Hexachloroethane			
	ND	. 340	
Nitrobenzene	ND	340	
Isophorone	ND	340	
2-Nitrophenol	ND	670	
2,4-Dimethylphenol	ND	340	
Benzoic acid			
	ND	1,700	
bis(2-Chloroethoxy)methane	ND	340	
2,4-Dichlorophenol	ND	340	
1,2,4-Trichlorobenzene	ND	340	
Naphthalene	ND		
4-Chloroaniline		67	
#-curoroaurrine	ND	340	
Hexachlorobutadiene	ND	340	
4-Chloro-3-methylphenol	ND	340	
2-Methylnaphthalene	ND	67	
Hexachlorocyclopentadiene	ND	670	
1 A C Trichlensherel			
2,4,6-Trichlorophenol	ND	340	
2,4,5-Trichlorophenol	ND	340	
2-Chloronaphthalene	ND	340	
2-Nitroaniline	ND	670	
Dimethylphthalate	ND		
		340	
Acenaphthylene	ND	67	
2,6-Dinitrotoluene	ND	340	
3-Nitroaniline	ND	670	
Acenaphthene	ND	67	
2,4-Dinitrophenol	ND	670	
4-Nitrophenol	ND	670	
Dibenzofuran	ND	340	
2,4-Dinitrotoluene	ND	340	
Diethylphthalate	ND	340	
Fluorene	ND	67	
4-Chlorophenyl-phenylether	ND	340	
4-Nitroaniline	ND	670	
4,6-Dinitro-2-methylphenol	ND	670	
N-Nitrosodiphenylamine	ND	340	
Azobenzene			
	ND	340	
4-Bromophenyl-phenylether	ND.	340	
Hexachlorobenzene	ND	340	
Pentachlorophenol	ND	670	
Phenanthrene	ND	67	
Anthracene	ND	67	
Di-n-butylphthalate	ND	340	
Fluoranthene	ND	67	
		·····	

ND= Not Detected RL= Reporting Limit Page 1 of 2



Curlis & Tompkins, Ltd.

Batch OC Report

.

	Semivolatile	rganies by G	ЛМS
Lab #: 217460 Client: Northgate Environme _Project#: 1141.08	ental Management	Location: Prep: Analysis:	3645 San Pablo Ave. EPA 3550B EPA 8270C
Type: BLANK Lab ID: QC527412 Matrix: Soil Units: ug/Kg		Diln Fac: Batch#: Prepared: Analyzed:	1.000 158695 12/29/09 12/29/09
AmallyLoc Attacks	Result		
Pyrene Butylbenzylphthalate 3,3'-Dichlorobenzidine Benzo(a)anthracene Chrysene bis(2-Ethylhexyl)phthalate Di-n-octylphthalate Benzo(b)fluoranthene Benzo(k)fluoranthene Benzo(a)pyrene Indeno(1,2,3-cd)pyrene Dibenz(a,h)anthracene Benzo(g,h,i)perylene	ND ND ND ND ND ND ND ND ND ND ND ND ND N	34 67 63 34 34 66 66 66 66	0 7 7 0 0 7 7 7 7 7 7 7 7 7 7 7 7 7
2-Fluorophenol Phenol-d5 2,4,6-Tribromophenol Nitrobenzene-d5 2-Fluorobiphenyl Terphenyl-d14	78 14-124 76 12-123 61 10-118 76 27-106 85 30-113 73 18-133		

.

ND= Not Detected RL= Reporting Limit Fage 2 of 2



	Semiyolabile.		
	Senity oracine	esciencia de la secona d	
Lab #:	217460	Location:	3645 San Pablo Ave.
	Northgate Environmental Management	Prep:	EPA 3550B
Project#:	1141.08	Analysis:	EPA 8270C
Туре:	LCS	Diln Fac:	1.000
Lab ID:	QC527413	Batch#:	158695
Matrix:	Soil	Prepared:	12/29/09
Units:	ug/Kg	Analyzed:	12/29/09

Analyze 1 19 19 19 19	Store Spirked and Store	Recult	S S PREC	selanı Es
Phenol	2,635	1,797	68	28-115
2-Chlorophenol	2,635	1,974	75	36-114
1,4-Dichlorobenzene	2,635	2,389	91	36-112
N-Nitroso-di-n-propylamine	2,635	1,912	73	23-119
1,2,4-Trichlorobenzene	2,635	2,398	91	39-110
4-Chloro-3-methylphenol	2,635	2,698	102	38-115
Acenaphthene	988.1	710.1	72	35-118
4-Nitrophenol	2,635	2,886	110	26-115
2,4-Dinitrotoluene	2,635	2,224	84	30-128
Pentachlorophenol	2,635	1,874	71	8-116
Pyrene	988.1	673.4	68	28-136

Surrogate state	STREE	C Limetes distance in a second se
2-Fluorophenol	74	14-124
Phenol-d5	63	12-123
2,4,6-Tribromophenol	91	10-118
Nitrobenzene-d5	76	27-106
2-Fluorobiphenyl	75	30-113
Terphenyl-d14	80	18-133

...•



	Semivolatile.	Leanics by GC/	MS
Lab #: 21746)	Location:	3645 San Pablo Ave.
Client: North	gate Environmental Management	Prep:	EPA 3550B
Project#: 1141.		<u>Analysis:</u>	EPA 8270C
Field ID:		Batch#:	158695
MSS Lab ID:	217453-001	Sampled:	12/23/09
Matrix:	Soil	Received:	12/23/09
Units: Basis: Diln Fac:	ug/Kg dry 1.000	Prepared: Analyzed:	12/29/09 12/29/09

Type: Lab ID: MS QC527414

Moisture:

18%

Analyte	MS	SERESCIENCE	State Spielkerely -	Regult	STREE	
Phenol		<99.82	3,230	2,474	77	26-108
2-Chlorophenol		<106.6	3,230	2,347	73	29-109
1,4-Dichlorobenzene		<89.15	3,230	2,099	65	33-105
N-Nitroso-di-n-propylamine		<98.42	3,230	2,446	76	26-113
1,2,4-Trichlorobenzene		<93.07	3,230	2,247	żŏ	34-104
4-Chloro-3-methylphenol		<77.43	3,230	2,634	82	32-110
Acenaphthene		<17.33	1,211	896.1	74	28-114
4-Nitrophenol		<63.29	3,230	2,694	83	17-107
2,4-Dinitrotoluene		<83.05	3,230	2,332	72	26-112
Pentachlorophenol		<71.81	3,230	2,289	71	1-111
Pyrene		<18.24	1,211	940.7	78	20-135
2-Fluorophenol	69	C. Limits. 14-124				
Phenol-d5	72	12-123				
2,4,6-Tribromophenol	72	10-118				
Nitrobenzene-d5	74	27-106				
2-Fluorobiphenyl	71	30-113				
Terphenyl-d14	75	18-133				

Type: Lab ID:	MSD QC527415			Moisture:	18	8			
Phenol 2-Chlorophenol 1,4-Dichlorobens N-Nitroso-di-n-r 1,2,4-Trichlorok 4-Chloro-3-methy Acenaphthene 4-Nitrophenol 2,4-Dinitrotolue Pentachloropheno Pyrene	zene propylamine penzene ylphenol ene		8pbkee 3,217 3,217 3,217 3,217 3,217 3,217 3,217 1,206 3,217 3,217 3,217 1,206		Reside 2,713 2,573 2,343 2,775 2,435 2,435 2,435 2,818 950.3 2,950.3 2,956 2,572 1,018	84 80 73 86 76 88 79 93 83 83 80 84	26-108 29-109 33-105 26-113 34-104 32-110 28-114 17-107 26-112 1-111 20-135	10 10 11 13 8	48 46 44 53 43 44 44 44 50 44 44 50 44 50 58
2-Fluorophenol Phenol-d5 2,4,6-Tribromoph Nitrobenzene-d5 2-Fluorobiphenyl Terphenyl-d14	nenol	79 82 79 84 76 81	14-124 12-123 10-118 27-106 30-113 18-133						

RPD= Relative Percent Difference Page 1 of 1



		1.4	Diðvare	by 8270-SIN		
	17460			Location:	3645 San Pablo Ave.	
	orthgate Environme	ntal Mar	agement	Prep:	EPA 3550B	
Project#: 11				Analysis:	EPA 8270C-SIM	
Field ID:	UST-1-0.6			Batch#:	158723	
Matrix:	Soil			Sampled:	12/23/09	
Units:	ug/Kg		•	Received:	12/23/09	
Basis:	dry			Prepared:	12/29/09	
Diln Fac:	1.000			Analyzed:	12/30/09	
Type:	SAMPLE			Moisture:	19%	
Lab ID:	217460-001			Morscure.	198	
	ina yter som sager		Restart			
1,4-Dioxane	malyte:	NI	Restlict	e se	41	
	metace				41	
		te arrec	i falmitsi	quari 2000 - 2000	41	
Nitrobenzene	e-d5	214 *	Remites 2 39-136		41	
	e-d5	te arrec	i falmitsi		41	
Nitrobenzene	e-d5	214 *	Remites 2 39-136		41	
Nitrobenzene	e-d5	214 *	Remites 2 39-136		41	
Nitrobenzene	e-d5	214 *	Remites 2 39-136	Lab ID:	41 QC527511	
Nitrobenzene 2-Fluorobipł	e-d5 nenyl	214 * 53	39-136 42~120			
Nitrobenzene 2-Fluorobipł Type:	e-d5 nenyl	3RFC 214 * 53	7.000703 39-136 42-120 Result:		QC527511	
Nitrobenzene 2-Fluorobipł	e-d5 nenyl	214 * 53	7.000703 39-136 42-120 Result:			
Nitrobenzene 2-Fluorobipł Type: 1,4-Dioxane	e-d5 nenyl BLANK Maryte	214 * 53 . NI	29-136 39-136 42-120 Result:		QC527511	
Nitrobenzene 2-Fluorobipł Type:	e-d5 henyl BLANK Walvtes Walvtes	214 * 53 . NI	7.000703 39-136 42-120 Result:		QC527511	

.

*= Value outside of QC limits; see narrative ND= Not Detected RL= Reporting Limit Page 1 of 1



2-Fluorobiphenyl

	217460	Location:	3645 San Pablo Ave.			
Client:	Northgate Environmental Managem	ent Prep:	EPA 3550B			
Project#:	1141.08	Analysis:	EPA 8270C-SIM			
Type:	LCS	Diln Fac:	1.000			
Lab ID:	QC527512	Batch#:	158723			
Matrix:	Soil	Prepared:	12/29/09			
Units:	ug/Kg	Analyzed:	12/30/09			
	Analyte		Studies - State - Free Framines			
L,4-Dioxan	e 91	9.63	42.57 43 10-120			

78

42-120



• .

Batch QC Report

÷

			4-Dickane	- by -8,270-S	r IM			
								4
	460			Location:	3645	San Pab	lo Ave.	
	thgate Environme	ntal	Management	Prep:	EPA 3	550B		
Project#: 114				Analysis:	EPA 8	270C-SI	М	
Field ID:	ZZZZZZZZZZ			Batch#:	15872	3		
MSS Lab ID:	217447-003			Sampled:	12/22	:/09		
Matrix:	Soil			Received:	12/23	/09		
Units:	ug/Kg			Prepared:	12/29	0/09		
Basis:	dry			Analyzed:	12/30	0/09		
Diln Fac:	1.000							
Туре:	MS			Moisture:	8%			
Lab ID:	QC527513							
			•					
A TEL	y fel statistical statistical	MSS.	Recultzers			esul es	REC 8	2 S.Lomnes
1,4-Dioxane	······		<3.088	107.6		29.68	28	9-120
	cogate	10.00 July 10.00	PC- Dimiti					
Nitrobenzene-	-	52	39-136					
2-Fluorobiphe	nyl	51	42-120	· · · · · · · · · · · · · · · · · · ·	<u></u>			
Type:	MSD			Moisture:	8%			
T . 1. T T .								
Lab ID:	QC527514							
	_				(11.27.42) (11.27.42)			
Ân	QC527514	1	Spiked,	ter en	esul bit			Press of the second
	_	20 C A	108.1	k	es0151 30.27	28 28	9-120	RPD Bin 2 50
Ân	_		551kechik 108.1		一 二 二 二 二 二 二 二 二 二 二 二 二 二 二 二 二 二 二 二		ter and the second s	
An 1,4-Dioxane Sur		63	NC, Filmica	A	一 二 二 二 二 二 二 二 二 二 二 二 二 二 二 二 二 二 二 二		ter and the second s	
- An	alyte: codate: d5	63 66	108.1 108.1 nc., 141mars, 39-136 42-120		一 二 二 二 二 二 二 二 二 二 二 二 二 二 二 二 二 二 二 二		ter and the second s	

CONTRACTOR OF THE OWNER

24.1

.



.

Batch QC Report

		4.4	Dioxane	46y (827/0=SIM)			
Lab #: 2174(50			Location:	3645 San Pabl	o Ave.	
Client: North	hgate Environmen	ntal Mar	agement	Prep:	EPA 3550B		
Project#: 1141				Analysis:	EPA 8270C-SIM		
Field ID:	ZZZZZZZZZZ			Batch#:	158723	· · · · · · · · · · · · · · · · · · ·	
MSS Lab ID:	217490-001			Sampled:	12/29/09		
Matrix:	Soil			Received:	12/29/09		
Units:	ug/Kg			Prepared:	12/30/09		,
Basis:	dry			Analyzed:	12/30/09		
Diln Fac:	1,000			~	• •		
Туре:	MS			Moisture:	78		
Lab ID:	QC527611	•		Moiscure:	/ 15		
	2002 / 011						
STORE THE ALL DY		MSSERes	ul Carago An	Spulled States	Recult	Star Street	Sectored States
1,4-Dioxane	· · · · · · · · · · · · · · · · · · ·	<3	.057	107.5	ND	0 *	9-120
	-						
Surr		* *REC	SLamats -				
Nitrobenzene-d	5	209 *	39-136				
	5	209 * 70					
Nitrobenzene-d	5		39-136				
Nitrobenzene-d	5		39-136	Moisture:	78		
Nitrobenzene-df 2-Fluorobipheny Type:	5 71 MSD		39-136				SPD2 Fermi
Nitrobenzene-df 2-Fluorobipheny Type:	5 71 MSD		39-136 42-120			2L1m34-5 9-120	BPD Fernis NC 50
Nitrobenzene-df 2-Fluorobipheny Type: Lab ID: 1,4-Dioxane	5 71 MSD 10C527612 MEQ 1		39-136 42-120 Source 107.4	Sector Stores	Caller Call SREC.		and a local biological data and a second size of the second second second second second second second second se
Nitrobenzene-df 2-Fluorobipheny Type: Lab ID: 1,4-Dioxane	5 71 MSD 10C527612 MC	70 78 8 REC	39-136 42-120 Spuked 107.4	Sector Stores	Caller Call SREC.		and a local biological data and a second size of the second second second second second second second second se
Nitrobenzene-df 2-Fluorobipheny Type: Lab ID: 1,4-Dioxane	5 71 MSD 20C527612 MCC 1 9 00ate		39-136 42-120 Source 107.4	Sector Stores	Caller Call SREC.		and a local biological data and a second size of the second second second second second second second second se

*= Value outside of QC limits; see narrative NC= Not Calculated ND= Not Detected RPD= Relative Percent Difference Page 1 of 1



				i Biphenyik		
Lab #: 21	7460			Location:		3645 San Pablo Ave.
	rthgate Environme	ental Mar	nagement	Prep:		EPA 3550B
Project#: 11				Analysis:		EPA 8082
Field ID:	UST-1-0.6			Batch#:		158633
Matrix:	Soil			Sampled:		12/23/09
Units:	ug/Kg			Received:		12/23/09
Basis:	dry			Prepared:		12/26/09
Diln Fac:	1.000			~~ ~		
		•				•
Type:	SAMPLE					100
Lab ID:	217460-001			Moisture:		19%
	21/400-001			Analyzed:		12/27/09
A	Rev Vienner		Result		200	
Aroclor-1016		N			15	
Aroclor-1221		N	D		30	
Aroclor-1232		N	D		15	
Aroclor-1242		N	D		15	
Aroclor-1248		N	D		15	
Aroclor-1254		N	D		15	
Aroclor-1260		N	D		15	
TCMX	rrogare		a limitest			
Decachlorobi	nhenul	100 20	42~165 1~174			
Decacintorobi	риенут	20	1~1/4			
Туре:	BLANK			Lab ID;		QC527171
		18-17-18-19-19-19-19-19-19-19-19-19-19-19-19-19-				
A		and the second se	Respires		RI	re enalyzed a most
Aroclor-1016		N			12	12/27/09
Aroclor-1221		N			24	12/27/09
Aroclor-1232		N			12	12/27/09
Aroclor-1242		N			12	12/27/09
Aroclor-1248 Aroclor-1254		N			12	12/27/09
Aroclor-1254 Aroclor-1260		N			12	12/27/09
AFOCIOE~1260		N	······		12	. 12/27/09
	nrogation in the second		delemente 6	Anatyzed		
TCMX		140	42-165	12/28/09		9
Decachlorobi	phenyl	79	1-174	12/28/09		
		• •				

ND= Not Detected RL= Reporting Limit Page 1 of 1

ł

.

3.1



.

	e na concerna e e e e e e e e e e e e e e e e e e e	chilommeter	a Bironenvil	al (Pict			
Lab #:							
	217460	• • • •	Location:		3645 San P	ablo Ave.	
	Northgate Environmenta	I Management	Prep:		EPA 3550B		
Project#:			Analysis:		EPA 8082		
Type :	LCS		Diln Fac:		1.000		
Lab ID:	QC527172		Batch#:		158633		
Matrix:	soil		Prepared:		12/26/09		
Units:	ug/Kg		-		,,		
	Analyce	Spikede		cesialitere	SAN BARK	C. Lamits	Analyzed
Aroclor-1(016	165.3		198.3	120	61-162	12/27/09
Aroclor-12	260	165.3		224.1	136	63-161	12/27/09
	Sucrogaters	REC Statumites					
TCMX		27 42-165	12/28/09				and a second
Decachloro	obiphenyl 9	2 1-174	12/28/09				



Batch QC Rep	ort							
	P. S. P.	ၜႍႜႜႜၯၟၜႜ႞႞	oranate	d Buphenyls	(PCBS)			
Lab #: 2174								
	····	otol No	·	Location:		5 San Pal	olo Ave.	
Project#: 114:	thgate Environmer	ncai ma	nagement	Prep:		3550B		
Field ID:	ZZZZZZZZZZZ			Analysis: Diln Fac:		8082		*****
MSS Lab ID:	217434-001				1.0			
Matrix:	Miscell.			Batch#:		1633		
Units:	ug/Kg			Sampled:		22/09		
Basis:	as received			Received:	,	22/09		
	as received		•	Prepared:	12/	26/09		
Type:	MS			Lab ID:	005	27173		
					200			
Analy	E MS	SAResult	Esperit Star	Solledeserver	Result	S SREC	2 Haema CS	Analyzed
Aroclor-1016		<0.74	02	166.1	183.1	110	44-177	12/29/09
Aroclor-1260		<0.53	86	166.1	181.5	109	22-179	12/27/09
					<i>م ينهي و ينهي و معمد اليوني من والتي التي التي التي التي التي التي التي </i>	*******		
	nogate city a	S ARD C	erst filmbiors.	Analyzed			$(\underline{d},\underline{d}) \in [0,1]$	
TCMX		130	42-165	12/27/09				
Decachlorobip	henyl	98	1-174	12/27/09				
_			·					
Туре:	MSD			Lab ID:	QCS	27174		
		Sole						
Aroclor-1016		166 e	36.	197.2	and the second se		A CONTRACTOR OF A CONTRACTOR O	
Aroclor-1018 Aroclor-1260					118	44-177	7 38	12/29/09
WTOCTOT-1720		166	.0	165.9	100	22-179	9 38	12/27/09
	ogate			Anallyzed				
TCMX		125	42-165	12/27/09				
		120	4 4 5 4	12/2/////				

1-174 12/27/09

.

89

RPD= Relative Percent Difference Page 1 of 1

Decachlorobiphenyl

.



		Call ifornia	LURI Met.	ils .		
Lab #:	217460		Location:	3645	San Pablo Ave.	
Client:	Northgate Environmental	Management	Prep:	EPA 3	050B	
Project#:			Analysis:	EPA 6	010B [.]	1
Field ID:			Batch#:	15868	7	
Matrix:	Soil		Sampled:	12/23	/09	1
Units:	mg/Kg		Received:	12/23	/09	
Basis:	dry		Prepared:	12/28		
Diln Fac:	1.000		-	· ·	•	
Type:	SAMPLE		Moisture:	19%		
Lab ID:	217460-001		norpeare.	7.24		
	Analyze	Results		WRL .	Analyzec	
Cadmium		1.4		0.31	12/29/09	
Chromium		39		0.34	12/29/09	
Lead		. 84		0.31	12/30/09	
Nickel		51		0.68	12/29/09	1
Zinc		220		1.2	12/29/09	
				<u></u>	1999-1999	1
Type:	BLANK		Analyzed:	12/29	/ሰ0	
Lab ID:	QC527367		THAT A DOM.	10/03	,	
	Analyte	Results		RIG		
Cadmium		ND		0.25		
Chromium		ND		0.30		
Lead		ND		0.25	5	1
Nickel		ND		0.60	·]
Zinc		ND		1.0		
·						

ND= Not Detected RL= Reporting Limit Page 1 of 1



		Calutomia						
Lab #:	217460		Location:	3645	San Pab	lo Ave.		and a state of the
Client:	Northgate Environmental	Management	Prep:	EPA 3	050B			
Project#:			Analysis:	EPA 6	010B			
Matrix:	Soil		Batch#:	15868	7			
Units:	mg/Kg		Prepared:	12/28	/09			
Diln Fac:	1.000		Analyzed:	12/30	/09			
Туре:	BS		Lab ID:	QC527	368			
	Analyte	Spirked		Sultration	STARE C	Limits		
Cadmium		10.00		10.10	101	77-120		
Chromium		100.0		96.82	97	74-118		
Lead		100.0		94.96	95	73-117		
Nickel		25.00		23.96	96	73-115		
Zinc		25.00	·····	23.35	93	71-119		
,								
Туре:	BSD		Lab ID:	QC527	369			
All a state of the second s		s Spankod a	Sterne R	SCOLE	S REC	Unimates	RP	Calification of the second
Cadmium		10.00	.,	10.03	100	77-120	1	18
Chromium		100.0		96.72	97	74-118	0	25
Lead		100.0		94.17	94	73-117	1	24
Nickel		25.00		24.15	97	73-115	1	17
Zinc		25.00		23.73	95	71-119	2	18

.

.

.

I



			UUET Meta	ils.				
Lab #: 217			Location:	36	45 San Pab	lo Ave.		
Client: Nor	thgate Environmental	Management	Prep:		A 3050B			
Project#: 114			Analysis:	EP	A 6010B			
Field ID:	ZZZZZZZZZZ		Batch#:	15	8687			
MSS Lab ID:	217442-002		Sampled:	12	/22/09			
Matrix:	Soil		Received:	12	/23/09			
Units:	mg/Kg		Prepared:	12	/28/09			
Basis:	dry		Analyzed:	12	/29/09			
Diln Fac:	1.000							
	•							
Type:	MS		Moisture:	17	&			
Lab ID:	QC527370				•			
Amili	vtev. Mss	Kestuli S and	Spukeda		Result	S SREC	-liim	its.
Cadmium		<0.05964	12.05		10.92	91	46-	132
Chromium		45,35	120.5		159.4	95	27-	153
Lead		3.851	120.5		104.8	84	27-	147
Nickel		33.92	30.12		60.79	89	15-	165
Zinc		31.41	30.12		51.79	68	6-1	72
Type:	MSD		Moisture:	17	0			
Lab ID:	QC527371		morsture:	11	16			
C. An	uyre-a ar	Spikedse		esuides a	Sec. Sec.	Linnits,	RPD	- Lium
Cadmium		12.05		10.10	84	46-132	8	29
Chromium		120.5		164.8	99	27-153	3	40
Lead		120.5		103.4	83	27-147	1	54
Nickel		30.12		69.84	119	15-165	14	<u>4</u> б
Zinc		30.12		60.94	98	6-172	16	53

RPD= Relative Percent Difference Page 1 of 1

.

. .



	Mon		
	217460	Location:	3645 San Pablo Ave.
	Jorthgate Environmental Management	Prep:	METHOD
Project#: 1	141.08	Analysis:	ASTM D2216/CLP
Analyte:	Moisture, Percent	Diln Fac:	1.000
Field ID:	UST-1-0.6	Batch#:	158715
Lab ID:	217460~001	Sampled:	12/23/09
Matrix:	Soil	Received:	12/23/09
Units:	%	Analyzed:	12/29/09

Regulation		
19	1	

.

.

RL= Reporting Limit Page 1 of 1

,





Lab #: 2174		Location:	3645 San Pablo Ave.
Client: Nort	set of the		METHOD
Project#: 1141		Analysis:	ASTM D2216/CLP
Analyte:	Moisture, Percent	Units:	
Field ID:	UST-1-0.6	Diln Fac:	1.000
Type:	SDUP	Batch#:	158715
MSS Lab ID:	217460-001	Sampled:	12/23/09
Lab ID:	QC527484	Received:	12/23/09
Matrix:	Soil	Analyzed:	12/29/09

<u> 18.56 17.49 1.000 6 44 </u>						
	18 56	4 12 4 4 4		_		1
			T.000	6	44	1

RL= Reporting Limit RPD= Relative Percent Difference Page 1 of 1