Watershed/Wastewater		Wa
Watershed/Wastewater	\Box	W

Damadiation	Dadary	1
Remediation/	Receve	ыолик

Route To:

Waste Management

							Reme	ediation/Re	edevelopme	nt 🛛		Other						
																ige 1	of	2
	/Project		·					Lice	nse/Permit/	Monitorii	ng Numl	ber		Boring Number MW-1				
	gellan Drilled I			ation w chief ((first last)	and Fin		Date	e Drilling St	arted		Da	te Drillir				ling Method	
Doning	Dillica	Jy. 140			(11130, 1430)			Daic				a Diming Competed				Diming Weakou		
			r, Inc.	- Matt					5/22/2006			5/22/2006				Rotosonic		
Unique	Well N			Well ID) No.		Common Well Name	e Fina	Final Static Water Level Surface Eleva							orehole	Diameter	
Local	PB		(es	timated:		or Bori	MW-1		Feet	MSL			536.6 Local G					6.0
	Local Grid Origin (estimated:) or Boring Location State Plane N, E S/C/N								Lat	°		"	Luca			J		ПΕ
SE 1/4 of NW 1/4 of Section 15, T 49 N, R 14						T 49 N, R 14 V	W	Long	o 	·	"		Fee	t 🗆 S			Feet W	
Facility	/ ID				County				y Code		own/Cit	y/ or V	illage					
	1		T		Dougla	as		16		Supe	erior		1	<u> </u>				T
San	nple					Coil/D	ock Description							501	l Prop	erties		-
	Length Att. & Recovered (in)	ints	Depth In Feet				eologic Origin For						ive					s
ype	h Ai vereo	Cot	[u] u				h Major Unit		СS	nic	am	U IT	gth	ure	5	city	_	hent
Number and Type	engl	Blow Counts	Dept				5		U S C	Graphic Log	Well Diagram	PID/FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
	60	щ	<u> </u>	Clav	stiff, r	ed-bro	own						o s	20			Ч	<u> </u>
CS .	6		E F	<u> </u>	5000, 1	cu or												
			Ē															
			-2						CL									
			È.															
			-3															
			E_4							<u> </u>								
			Ē	<u>Clay</u> ,	stiff, s	lightly	y plastic, red-bro	own.				0.0						Soil sample collected for
2 CS	60		5															laboratory analysis.
eb	60		-6															unu jois.
			Ê									0.0						
			-7															
			Ē															
			E-8									0.0						
			E_9															
			E						CL									
3 CS	60		E ⁻¹⁰									0.0						
eb	60		E 															
			Ē								創園							
			- 12									0.0						
			- 12								制的							
			13 								和目							
			- 14								目	0.0						
			E								総計測	0.0						
	I		- 15													L		<u> </u>
I hereb	y certify	that the	e informa	tion on thi	is form is	true and	l correct to the best of 1	my knowle	edge.									

Signature	Firm Leggette, Brashears & Graham, Inc.	Tel: 608-833-5555
		Fax: 608-833-5551

Borir	ng Numl	ver	MW	V-1							Pa	nge 2	of	2
San										Soi	Prop	erties		
	(ii) &	S	e	Soil/Rock Description					e					
. e	Att. ed (ount	n Fe	And Geologic Origin For			_	\circ	ssiv	e		Z		nts
nber Typ	gth , over	Ŭ	th I	Each Major Unit	SCS	phic	l gran	/FII	ngth	stur tent	ii id	ticit	0	D/ Imei
 Number and Type 	Length Att. & Recovered (in)	Blow Counts	Depth In Feet		U S	Graphic Log	Well Diagram	PID/FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
4 CS	60			Clay, stiff, slightly plastic, red-brown.				·						
	60		- 16											
			E		CL		診目に	0.0						
			- 17											
			Ē				彩目的							
			E ⁻¹⁸	Sand; some silt; red-brown; moist to	SM			0.0						
			- 19	wet.	SIVI									
			-18	Clay, stiff, red-brown.	CL			0.0						
5 CS	60		-20	Sand, fine, red-brown.			診目に							
CS	60		Ē		SP									
			= 21	Clay, stiff, red-brown.		VIII	む目:	0.0						
			-22				記目:							
			=				む目い							
			-23					0.0						
			Ē		~		む目:	0.0						
			-24		CL									
			-25				()目:							
cs 6	60 60		Ē											
	00		-26				彩目:							
			Ē											
			- 27	Sand, fine, red-brown.	SP		()目()							
			-28	Clay, stiff, red-brown.	CL									
			Ē	Sand, fine, red-brown.	SP		₩.							
			- 29	Sand, fine; some silt; red-brown; moist	-			0.0						
			E	to wet.			₩. 							
7 CS	60 60		= 30 E											
	00		-31				* 日:							
			E		SM									
			- 32				}:目:-	0.0						
			-33											
			- 55											
			-34	Sand, fine; few thin silt seams;										
			E	red-brown.			B S							
8 CS	48		- 35											
	48		- 36				1983 1983							
			50		SP									
			- 37					0.0						
			Ē					0.0						
			38 											
Ľ							1005							
				EOB @ 39 feet.										
						l								

Watershed/Wastewater		Waste Management	
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Domodiatic	m/Dodor	alonn
Remediatic	JI/Reuev	eiobiii

Route To:

					Remedia	ation/Rede	velopmer	nt 🛛		Other						
													Pa	ige 1	of	2
-	/Project					License	/Permit/N	Aonitori	ng Num	ber		Boring	Numbe			
	gellan											MW-2				
Boring	Drilled I	By: Na	me of c	rew chief (first, last) and Fi	m	Date D	illing Sta	arted		Da	te Drillu	lling Completed			Drilling Method	
Boa	nt Lor	igvea	r. Inc.	- Matt White		5/23/2006				5/23/2006			R	otosonic		
	Well No		-,	Well ID No.	Common Well Name	Final St	atic Wate			Surface	e Elevati					
	PB				MW-2		Feet	MSL				Feet MSL				6.0
	Local Grid Origin (estimated:) or Boring Location State Plane N, E S/C/N						_at	0	,		Local C	brid Loc				
								0	,			Б				
SE 1/4 of NW 1/4 of Section 15, T 49 N, R 14 Facility ID County						Lo County C		Civil 7	Town/Ci	tv/ or V	fillage	Fee)		Feet 🗌 W
	,			Douglas		16		Supe		- <u>j</u> ,	8-					
San	nple						1					Soil	Prop	erties		
		s	et	Soil/I	Rock Description						0					
e	Att ed (j	ount	ı Fe(And G	eologic Origin For				_		ssive	0		~		ıts
Typ	gth / over	č	th Ir	Ea	ch Major Unit		C S	ohic	l gram	/FIL	ngth	sture	t, tid	ticity x	0)/
Nun and '	Length Att. & Recovered (in)	Blow Counts	Depth In Feet				U S	Graphic Log	Well Diagram	PID/FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
S− Number and Type	60		E	Top soil, black.			-	<u></u>								
	60		-1-2-3-3-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4	-				17 . 4 17								
			E		1			1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1								
			-2	Silt and Clay; bla	ick; wet.											
			E													
			-3													
			E_4													
			-4				CL-MI									
2	60		-5													I kuduo ooula oo
2 CS	60 60		E													Hydrocarbon odor
			6							240						Soil sample
			Ē_						割じ							collected for
			-7 -7	Clay, stiff, red-br	own.				私民							laboratory analysis.
			-8													-
									(計)	. 38						Soil sample collected for
			-9						記目]						laboratory
			E						な目:	•						analysis.
3 CS	60		$=^{10}$						い目	62						
CD	60		- 11				a		紅目:	ļ						
			= 11 =				L		い目の							
								V////	む目注							
			E						和目							
			-13						お甘い	90						
									記目	, ,0						
			14						1.目.	ł						
			-15					<i>\/////</i>	彩目							
 I hereb	V certify	that the		tion on this form is true an	d correct to the best of my	knowledo		I	I	I	I	I	I	I		I
Signati					Firm T			0	Cul							

Signature Leggette, Brashears & Graham, Inc. Tel: 608-833-5555 Fax: 608-833-5551

Bori	ng Numt	ær	MV	V-2							Pa	nge 2	of	2
San			[Soil		erties		
3. ⁺ Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
4 CS 5 CS	60 60 60 60		16 17 18 19 20 21	<u>Clay</u> , stiff, red-brown.	a			11 10 9.0						
6 CS	60 60		22 23 24 24 25 25 26 27					12						
7 CS	48 60		28 29 30 31 31 32 33	Silt; some clay; red-brown. Clay, stiff, red-brown. Sand, fine, dark brown, moist to wet.	ML CL SP									
Ľ			- 34	EOB @ 34 feet.			*****							

SOIL BORING LOG INFORMATION Form 4400-122

Watershed/Wastewater	tershed/Wastewater		Waste Management	
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Domodiation	1/Redevelopment
Remediatio	receverobilien

Route To:

Rev. 7-98

							Reme	diation/Rec	levelopme	ent 🛛		Other						
															Pa	ge 1	of	2
-	/Project		· .	<i>.</i>				Licens	e/Permit/	Monitori	ng Num	ber		Boring Number MW-3				
	gellan Drilled I			ation rew chief ((first, last)	and Fir		Date I	Drilling St	arted		Da	te Drilli	rilling Completed			Drilling Method	
Doning	Dimou				(1104, 1404)			Date	<i></i>									
			r, Inc.	- Matt					5/23/2006			5/23/2006				Rotosonic		
Unique	Well No	o. 024		Well ID	No.		Common Well Name MW-3	Final	Static Wa				e Elevatio 537.1		ACT	В	orehole Diameter	
Local	FD Grid Orig		(es	timated:	<u> </u>	or Bor	ing Location	l	reet	MSL			Local C					6.0
State 1		5					E S/C/N		Lat	°	·				 N	J		ШΕ
SE		of N	W 1	/4 of Secti		15,	T 49 N, R 14 V		.ong	o 	·			Fee	t 🗆 S			Feet W
Facility	/ ID				County			County	Code		Town/Ci	ty/ or V	'illage					
	anla		T	l	Dougla	as		16	1	Supe		r	1	Soil	Prop	artics		I
Sal	nple					Soil/F	Rock Description							501	гюр			
	tt. & d (ir	unts	Feet				eologic Origin For						sive					s
ber Type	th A vere	Co	h In				ch Major Unit		C S	hic	ram	FID	pres	ture ent	p	icity K		o/ men
Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet						U S I	Graphic Log	Well Diagram	PID/FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
	60		<u> </u>	<u>Clay</u> ,	stiff, r	ed-br	own.			Ĭ,				20				
eb	5				,													
			Ē															
			-2						CL									
			Ē															
			-3															
			-4	Clay			1			¥////								
			E	<u>Oay</u> ,	still, t	race g	gravel, red-browr	1.										
2 CS	60		=5															
	60		E-6								翻員							
			Ē									210						
			-7								紅İ	ł						
			Ē								彩卡							
			8 								和目	10						
			E-9									1						
			E						CL		()目()	ŀ						
3 CS	60		- 10								計]						
	60		E 								彩目:							
			Ē								紅目	50						
			- 12								彩目:							
			- 12								紅目:							
			13 								彩目:	ł						
			- 14								(目)	7.0						
										<i>\////</i>	彩目	1.0						
			- 15	l							† <u>.</u>	[I	l	I		<u> </u>
I hereb	y certify	that the	informa	tion on thi	is form is	true and	d correct to the best of n	ny knowlec	lge.									

Signature	Firm	Leggette, Brashears & Graham, Inc.	Tel: 608-833-5555 Fax: 608-833-5551
			1 ax. 000-055-5551

Bori	ng Numt	ver	MW	V-3								nge 2	of	2
San	nple									Soi	Prop	erties		-
	& (ii)	ts	set	Soil/Rock Description					/e					
r Se	Att. red	uno	n Fe	And Geologic Origin For	S	0	ц	Ω	essiv h	e		Ŕ		nts
Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Each Major Unit	U	phic	ll grar	PID/FID	Compressive Strength	Moisture Content	uid it	Plasticity Index	8	D/
3 + Number and Type	Len Rec	Blo	Dep		U S	Graphic Log	Well Diagram	PIC	Compres Strength	Moisture Content	Liquid Limit	Plastic Index	P 200	RQD/ Comments
4 CS	60 60		-	<u>Clay</u> , stiff, trace gravel, red-brown.										
	00		-16				[]目:1							
			F		CL		絵目注							
			- 17				[]目:1	25						
			E 10				む目注							
			E ⁻¹⁸	Silt; little clay; red-brown.			[:日:1							Soil sample
			- 18 - 19					•						collected for laboratory
			Ē				[:目:]	2.0						analysis.
5 CS	60		-20		SM		に目に							
CS	60		E											
			E-21					1.0						
			-22			i i i i i i i i i i i i i i i i i i i								
			E	Silt and Clay; stiff; dark brown; moist to wet.			む目い							
			-23	to wet.	CL-MI		[]目:]							
			Ē				に目い							
			24 	Sand, fine; some silt-grading to trace										
_	10		-25	silt with depth.			[:目:							
6 CS	48 60		E		SP		[:目:]	1.0						
			-26				[:目:							
			E ~											
			- 27	Clay, very stiff, red-brown.	CL	V////	<u>い目</u> い							
			-28	Sand C 1 1 1										
			E	Sand, fine, dark brown.	SP									
L			-29	EOB @ 29 feet.		hitte	65566	0.0						
						•					•			•

Damadiation	Dadary	1
Remediation/	Receve	ыолик

Route To:

Waste Management

						Ren	nediatio	on/Redeve	elopme	nt 🛛		Other						
															Pa	ge 1	of	2
	y/Project		mion St	ation				License/F	Permit/N	Monitorii	ng Numl	ber		Boring	Number		N-4	
	gellan			rew chief (first,	last) and Fi	m		Date Dril	ling St	arted		Da	te Drillir	l 1g Com	pleted	101		ing Method
_	_		_															
	art Lor e Well N		r, Inc.	- Matt Wh Well ID No.	ite	Common Well Nan	10	5/23/2006 Final Static Water Level Surfac				Surface	e Elevatio	5/23/2	2006	Be		otosonic Diameter
Onqu		0. 023		Well ID No.		MW-4	IL I			MSL			538.1		MSL	DC		6.0
	Local Grid Origin (estimated:) or Boring Location					at	0	,			Local Grid Location							
State Plane N, E S/C/N SE 1/4 of NW 1/4 of Section 15, T T 49 N, R 14 W				w	Lor		 o	,			E	t 🗆 N			E Feet D W			
Facility ID County							ounty Co		Civil T	own/Cit	y/ or V	l Tillage	Fee				Feet [] W	
Douglas						1	6		Supe	erior	-	_						
Sar	nple													Soil	Prop	erties		-
	t. & (in)	nts	feet			Rock Description							lve					
er ype	h Ati ered	Cou	InF			eologic Origin For ch Major Unit			S	ic	am	<u> </u>	ressigth	nt	-	city		, nents
Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet		2.4	en ragor e la			U S C	Graphic Log	Well Diagram	PID/FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
	60	Щ		Top Soil,	black.				J	111.2		д	o s	20		L L	д	<u> </u>
C5	6		-1	Clay, ver	y stiff; ti	cace gravel;				VIIII								
			Ē	red-brow	n.													
			E^{-2}															
			E ₃															
			E															
			-4									90						Soil sample
2	(1)		-5															collected for laboratory
² CS	60 60		E															analysis.
			6						CL									
			-7									,						
			8 									70						
			E-9								[:]目:]							
			E .															
3 CS	60 60		- 10								:日:	85						
	00		-11									i						
			- - 12															
			- 12	<u>Clay</u> , stif	f, plastic	; trace gravel;												
			- 13	red-brow	n.						Ì. IIII							
			E 14						CL			,						
	Ą		-15							<i>\/////</i>								
T 11	a contifu	4	: c	a		d compat to the best of	C 1	1 . 1										

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature	Firm Leggette, Brashears & Graham, Inc.	Tel: 608-833-5555
		Fax: 608-833-5551

Borin	ng Numl	ber	MW	V-4							Pa	ige 2	of	2
San										Soi	l Prop	erties		
	(ii) &	ts	et	Soil/Rock Description					je					
г ө	Att. red (Blow Counts	Depth In Feet	And Geologic Origin For			e		ssiv	e		y		nts
nbeı Typ	gth ovei	О В	th L	Each Major Unit	C S	phic	l gran	/FII	npre ngtł	stur tent	ii ii	ticit 3X	00	D/ Jime
Number and Type	Length Att. & Recovered (in)	Blov	Dep		U S	Graphic Log	Well Diagram	PID/FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
4 CS	60		E	<u>Clay</u> , stiff, plastic; trace gravel;			行目	7.0						
	60		- 16	red-brown.										
			E				()目:							
			-17											
			F		CL		む目:							
			- 18				行日							
			E .				彩目に							
			- 19				行	5.0						
			E-20	<u> </u>			に目に							
5 CS	60 60		Ē	Silt; some clay; red-brown; moist to wet.			行り							
			-21	wet.			(目)							
			E											
			E ⁻²²		CL-MI		(目)	2.0						
			E-23				に目							
			E				む目:							
			-24	Sond fine doub brown		22222	(目)							
			F	Sand, fine, dark brown.]:目:							
6 CS	48		-25				総目的							
CS .	60		Ē		SP		<u>{</u> :目:							
			E ⁻²⁶		SP									
			-27					0.0						
			F				《目》	0.0						
			-28	Clay and Silt; stiff; dark brown.		h		!						
			-29		CL-MI			!						
				EOB @ 29 feet.										
				EOB @ 29 leet.										

Watershed/Wastewater	Wa

 \boxtimes

Remediation/Redevelopment

Route To:

Waste Management

															ge 1	of	2	
	//Project						License/I	Permit/N	Monitori	ng Num	ber		Boring Number					
	gellan				15		D D	11: 04	. 1			(D 'II'	Drilling Completed					
Bonng	Drilled	By: Na	me or ci	rew chief (first, last) a	and Firr	n	Date Drilling Started Date Drilli					te Drilli	Juling Completed				Drilling Method	
			r, Inc.	- Matt White			5/24/2006						5/24/2	2006			Rotosonic	
Unique	e Well N			Well ID No.		Common Well Name	Final Sta					e Elevatio			В	orehole	Diameter	
		022				MW-5		Feet	MSL			538.3					6.0	
						at	o	,	"	Local C	brid Loc							
							o	,	"		Б							
SE Facility		of IN	W I	/4 of Section 1 County	З,	T 49 N, R 14 W	Lor County Co		Civil T	Town/Ci	tv/ or V		Fee	t 🗆 S)		Feet 🗌 W	
1 aciiii	уШ			Douglas	s		16		Supe		ty/ Of V	mage						
Sar	nple					I	10		Dup.		1	1	Soil	Prop	erties		[
	1				Soil/R	ock Description										[-	
	Length Att. & Recovered (in)	Blow Counts	Depth In Feet			ologic Origin For						Compressive Strength					s	
er /pe	n At erec	Cou	In I	1		h Major Unit		S	ic.	B	Ð	th	ure 1		ity		ient	
d Ty	ngth cov	MC	pth		Eau	n Major Onit		SC	Graphic Log	Well Diagram	PID/FID	Compres: Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments	
ß− Number and Type	Le Re	Bl	De					D	Grap Log	D S	ΡI	Sti Co	Σΰ	Ei Ei	Pl ² Inc	Р	C K	
CS	60 24		E	black; wet.	- Silt,	Clay, and Gravel;												
				Diack, wet.														
			-							\$								
			-2															
			-3															
			-3															
			E.						\otimes									
			-4							Č.	0.0							
2 CS	60		=5]							
	36		-6							\$1 E								
			E							§:.] [:.							Soil sample collected for	
			-7						\otimes		[laboratory	
			E														analysis.	
								ļ	XXX		}							
				<u>Clay</u> , stiff, pl	lastic,	, red-brown.				絵目:	l							
			-9							む目:	1.0							
			F							私目:	1.0							
3	60		- 10							沿目的								
3 CS	60		F							(目:	[
			11						V////	犯目:	ł							
			-					CL		お目い	}							
			- 12							犯目的	0.0							
			E							む目:	}							
									\////	<u>新</u> 田:	ł							
			-						V////	行目 :								
			14						V////	(目)								
			E 15						V////	彩目	ł							
	I	4 . 1	<u>15</u>					I	1		l	I	I	I	l	I	I	
I hereb	y certify	that the	informa	tuon on this form is t	true and	correct to the best of my l	knowledge											

Signature	Firm Leggette, Brashears & Graham, Inc.	Tel: 608-833-5555
		Fax: 608-833-5551

Borii	ng Numt	er	MW	V-5							Pa	ige 2	of	2
San	nple									Soi	Prop	erties		
	(ii) &	s	et	Soil/Rock Description					e					
e	Att. ed (ount	ı Fe	And Geologic Origin For			_		ssiv	0		~		ıts
lber Iyp	th /	ŭ	h Ir	Each Major Unit	C S	hic	ram	FID	pres ngth	sture ent	t id	icity x	0)/ mer
umV nu	Length Att. & Recovered (in)	Blow Counts	Depth In Feet		U S	Graphic Log	Well Diagram	PID/FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
2 ► Number and Type	60		-	<u>Clay</u> , stiff, plastic, red-brown.		VIII		<u> </u>		20		<u> </u>	Щ.	
CS	60		Ē		CL		行日							
			= 16 =	Clay; little silt; red-brown; moist to wet.			新甘	0.0						
			E 											
							(計)	ļ						
			-18		CL		和目							
			È I				新目 :	ļ						
			- 19				()目:	ļ						
			E				金目	ļ						
5 CS	60		E ⁻²⁰	Silt; little clay; red-brown.			和剧							
	60		E-21				: 目:	l						
								ļ						
			-22					0.0						
			F		ML		心目的	0.0						
			-23				[: 目:							
			Ē											
			E ⁻²⁴											
			-25				1.目:							
CS 6	24 60		ΕŰ	Sand; fine; red-brown.			計目:							
			-26		SP		彩目							
			E											
L			-27	EOB @ 27 feet.		<u>kinini</u>		[
			I		I	I	I	I			I		l	

Watershed/Wastewater	W

0	lonn		Rad	ion	odiat	Rem	
k	lonn	eve	Red	ion/	nechat	Reme	

Route To:

Waste Management

						Remed	liation/Redev	velopme	nt 🛛		Other						
														Pa	ge 1	of	2
	y/Project						License/	License/Permit/Monitoring Number					Boring Number				
	gellan														M	<i>W</i> -6	
Boring	g Drilled 1	By: Na	me of ci	rew chief (first,	last) and F	im	Date Dr	illing Sta	arted		Da	te Drillir	ng Com	pleted		Drill	ng Method
			r, Inc.	- Matt Wh	ite		5/24/2006					5/24/2006				tosonic	
Uniqu	e Well N			Well ID No.		Common Well Name	Final St					e Elevatio		ACT	Bo		Diameter
Local	PB Grid Orig	027	C (es	timated:) or Bo	MW-6		Feet	MSL			537.9 Local G			l		6.0
	Plane	gin			N,	E S/C/N	I	.at	o 	·		Lical			J		ПΕ
SE		of N	W 1	/4 of Section	15,	t 49 n, r 14 w	, Lo	ng	o				Fee	t 🗆 S			Feet W
Facili	y ID			Coun	-		County C	ode		'own/Ci	ty/ or V	fillage					
			·····	Dou	ıglas		16	·····	Supe	erior		·····					
Sa	nple												Soil	Prop	erties		
	Length Att. & Recovered (in)	ıts	eet			Rock Description						ve					
er be	Atter	Cour	ln F			Geologic Origin For		S	с	Е	А	essi th	it e		ity		ents
Number and Type	ngth cove	Blow Counts	Depth In Feet		E	ach Major Unit		SC	Graphic Log	Well Diagram	PID/FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
Nu	Le Re	Ble	De					D	Grap Log	Ď.	Πd	Str Co	ΰĔ	Lii Li	Pla Inc	Р	Co R
CS	336		E	For geolo	gic des g for PZ	cription of MW-6 Z-1 (located 3 feet	see east).										
			<u>-1</u>	0011118 10	8 - 01 - 1		eust):										
			E,														
			E^2														
			-3														
			E														
			-4														
			=_5														
			Ę														
			-6														
			E														
			-7														
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			-8														
			E-9							[]]]							
			F							1:目:							
			- 10							[:泪:)							
			E							に目さ							
										[:目:)							
			-12							に目的							
			Ē							[:目:)							
			- 13														
			Ē.								ļ						
			= 14														
	ļ		-15							[2]目:2							

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature	Firm	Leggette, Brashears & Graham, Inc.	Tel: 608-833-5555
			Fax: 608-833-5551

Borir	ng Numt	ver	MW	V-6							Pa	nge 2	of	2
San	nple									Soi	l Prop	erties		
	& (ii)	s	et	Soil/Rock Description					e					
e	Att. ed (ount	ı Fe	And Geologic Origin For			_	\sim	ssiv	n		~		ats
lber Typ	gth /	۲ ۲	th Ir	Each Major Unit	СS	hic	gran	/FII	ngth	sture	t id	ticit. x	0)/ Imei
Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet		U S	Graphic Log	Well Diagram	PID/FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
				For geologic description of MW-6 see boring log for PZ-1 (located 3 feet east).		<u> </u>			0 01					
			-16	boring log for PZ-1 (located 3 feet east).			[: 目:							
			- 10				に目に							
			- 17				[: 目:1							
			E .											
			= 18											
			E 19											
			E				[:日:]							
			= 20				<u>:</u> 目:							
			E-21											
			-22											
			Ē											
			23 E				[]目:							
			-24											
			E				:目:							
			-25											
			-26				[]日]							
			Ē											
			-27											
			E 											
			20	EOB @ 28 feet.										
I			I	I	I	I	ı 1		I	I	I	I	l	

SOIL BORING LOG INFORMATION

Watershed/Wastewater	tershed/Wastewater		Waste Management	
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Remediation/Redevelopment	\boxtimes
Terrice and the contract of th	- 22

Route To:

Form 4400-122 Rev. 7-98

							Remed	iation/Rede	velopme	nt	\boxtimes		Other							
																Pa	ige 1	of	2	
-	/Project							License	License/Permit/Monitoring Number Boring Nur							Numbe				
Ma	gellan	Supe	rior St	ation	(first, last) :			Det: D						D.:11:	Ing Completed Drilling					
Bonng	Drilled	By: IN	ime or c	rew chier	(IIISt, Iast) a	and Fin	n	Date Drilling Started Date Drill				e Driin	ig Comj	pieted		Dni	ling Method			
Mat	trix Te	chno	logies	LLC					1/9	/200	07				1/9/2007 R				otosonic	
	Well N	0.		Well II	D No.		Common Well Name						Elevatio	ation Boreho				Diameter		
		028					MW-7		Feet	MS	L				et MS				6.0	
	Grid Orig	gin	es (es	timated:			ng Location		Lat	o		,	"	Local G	irid Loca					
State I		c NT	W 7 1	4 60						 o		,	"		E (
SE Facility		of N	vv 1	/4 of Sec	tion I County	5,	<u>T 49 N, R 14 W</u>	County C	ong Tode	Civi	il To	wn/Ci	ty/ or V	illage	Fee)		Feet 🗌 W	
1 401110	12				Dougla	s		16				rior		mage						
San	nple		Ι	I							Ť				Soil	Prop	erties			
			*			Soil/R	ock Description							<i>1</i>)				[-	
0	Ntt. é ed (i	ounts	Fee			And Ge	ologic Origin For							sive					ts	
lber Type	th A vere	, Co	h In			Eac	h Major Unit		CS	hic		ram	ED	pres	sture ent	t id	icity x	0	o∕ men	
Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet						U S	Graphic	Log	Well Diagram	PID/FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments	
	60		E	Clay	; trace fi	ne gr	avel; trace organic	2	+	V//				0 01					<u> </u>	
00	48		E ₁	mate	rial; red	-brow	/n; moist.													
			<u>–</u> 1							$\langle \rangle \rangle$										
			E_2							$\langle \rangle \rangle$										
			F							$\langle / /$										
			<u></u> =3																	
			Ê.																	
			E^4							$\langle / /$									Soil sample	
			E_5							$\langle\!\rangle/\rangle$									collected for laboratory	
cs^2	60 60		Ē																analysis.	
	00		-6						G											
			E						CL	$\langle / /$										
			-7							$\langle\!\rangle/\rangle$										
			E									기본								
			E-8							$\langle / / \rangle$:目:								
			E9							V//	$\langle \rangle$:目:								
			Ê									:甘:	4.0						Soil sample collected for	
3	60		-10							$\langle / /$		[目]							laboratory	
3 CS	60 60		F								Ŵ	目:							analysis.	
			-11							V//	$\langle \rangle$:目:								
			E.							$\langle / / / / / / / / / / / / / / / / / / /$		[目]								
			E ⁻¹²									:目:								
			-13	<u>Silt</u> ,	red-broy	wn.						[目]							Slight odor.	
			E						ML				16						Soil sample collected for	
			- 14	Silt.	little ala	N. 100	l-brown.			+++	+	:目:	ļ						laboratory	
			E	<u>, 5m</u> ;	nue cla	iy, iet	1-010WII.		ML										analysis.	
	·		- 15							1-1-1		·	L				l			
I hereb	y certify	that the	e informa	tion on th	his form is t	true and	correct to the best of my	/ knowledg	ge.											

Signature	Firm Leggette, Brashears & Graham, Inc.	Tel: 608-833-5555
		Fax: 608-833-5551

Bori	ng Numt	ber	MV	V-7								Pa	ige 2	of	2
San	nple										Soi	Prop	erties		
	ii) &	s	et	Soil/Rock Description						e					
. e	Length Att. Recovered (Blow Counts	n Fe	And Geologic Origin For						ssiv	e		Z		nts
nbeı Typ	gth , over	Ŭ	th I	Each Major Unit	C S	phic		gran	PID/FID	ngth	stur tent	ii ii	ticit	0	D/
Nun and	Length Att. & Recovered (in)	Blov	Depth In Feet		U S	Graphic	Log	Well Diagram	PID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
2 ► Number and Type	60		E	Silt, dense, red-brown.		ŤŤ	ΪŤ	<u>[]日</u>]							
	60				ML			[]目:							
			Ē					記書							
			-17	Silt; trace clay; red-brown.		+	$\left \right $	L:目:	0.0						Soil sample
			Ē	<u>one</u> , trace etay, red-brown.				()目()	0.0						collected for
			- 18		ML										laboratory analysis.
			= 		IVIL.										
			Ē												
5 CS	60		- 20	No Recovery.				松郡	0.0						
0.5	0		E 					[:目:							
			-22					<u>;</u> 目;							
			Ē												
			E ⁻²³					; 王·							
			E24												
			Ē					· 王: 王:							
6 CS	36 0		-25												
co	0							!:目:							
								:目:							
				EOB @ 28 feet.					ĺ						
			I		I	I		I	I	I		I			

SOIL BORING LOG INFORMATION Form 4400-122

Rev. 7-98

Fax: 608-833-5551

Watershed/Wastewater	Wa

Remediation/Redevelopment

Route To:

Waste Management

					Remedia	tion/Rede	velopme	nt 🛛	1	Other								
													Pa	ge 1	of	2		
•	/Project					License	/Permit/I	Monitori	ng Num	iber		Boring Number MW-8						
	gellan			tation rew chief (first, last) and Fii		Doto D	rilling St	outed		D	te Drilli		platad	M		ling Method		
Doning	Dimed	Dy. INd			111	Date D	ning St	aneu		Da			pieleu		Dim	ing Metiou		
Mat	trix Te	chno	logies	LLC		1/9/2007							2007		R	otosonic		
	Well N	Э.		Well ID No.	Common Well Name	Final St	tatic Wat			Surface	e Elevati			Bo		ehole Diameter		
T 14		029			MW-8		Feet	MSL				et MS				6.0		
State 1	Grid Orig Plane	gn	(es		ing Location	1	Lat	0	'	"	Local C	Julia Loc		Ŧ				
SE		of N	W 1	/4 of Section 15,	T 49 N, R 14 W	Lo	ong	o	'	"		Fee				E Feet W		
Facility				County		County C		Civil	Fown/Ci	ty/ or V	'illage			· 				
				Douglas		16		Sup	erior									
San	nple											Soil	Prop	erties	·	-		
	Length Att. & Recovered (in)	ts	set		Rock Description						ve							
pe r	Att. red	Blow Counts	Depth In Feet		eologic Origin For		s	0	я	D	Compressive Strength	t e		ty		RQD/ Comments		
mbe I Tyj	ngth cove	M	pth]	Ea	ch Major Unit		SC	Graphic Log	Well Diagram	PID/FID	Compress Strength	Moisture Content	Liquid Limit	Plasticity Index	00	D/D		
Number and Type	Le ₁ Re(Blc	Dej				D	Grap Log	We Dia	Πd	Str.	C Mo	Lig	Plastic Index	P 200	Col		
1 CS	60 0		E	No Recovery.														
	Ŭ		-1															
			E															
			-2															
			E_3															
			E															
			E-4															
			-4 													Soil sample collected for		
2 CS	60		<u>-</u> 5	Silt; little organic	material black			+		0.0						laboratory		
CS	60		Ē	<u>ond</u> , intre organie	material, black.		ML			0.0						analysis.		
			-6	Clay, plastic, red-	brown, moist.													
			E_7	_						×.								
			E															
			-8				CL											
			E															
			<u>-</u> 9						彩目							Soil sample		
			E-10													collected for laboratory		
cs 3	60 48			Clay, plastic; trac	e medium to coarse	e			称目:	0.0						analysis.		
	40		-11	gravel; occasiona	l cobble; red-browr	1.			和目									
			F						彩目:									
			- 12						計目:	ļ								
			Ē				CL		彩目:									
			$=^{13}$						犯目:	Į						Soil sample		
			E 						(1日:							collected for laboratory		
								\////	和許							analysis.		
	ļ		-15					<i>\ </i>	彩目									
I hereb	y certify	that the	e informa	ation on this form is true an	d correct to the best of my	knowledg	ge.											
Signat	ire				Firm Leg	gette,]	Brashe	ears &	Grah	am, I	nc.				Te	l: 608-833-5555		

Borin	ng Numb	ver	MW	V-8							Pa	ge 2	of	2
Sam										Soil	Prop	erties		
T	Length Att. & Recovered (in)	Ņ	et	Soil/Rock Description					e					
e	Att. ed (Blow Counts	Depth In Feet	And Geologic Origin For			_	~	Compressive Strength	0		~		its
ber Гур	th ∕ ver	, Cc	h In	Each Major Unit	C S	hic	ram	FID	pres Igth	ture ent	Ŀ ġ	icity K	0)/ men
Number and Type	eng	low	ept		\sim	Graphic Log	Well Diagram	PID/FID	om	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
	<u> </u>	щ		Clay , plastic; trace medium to coarse	D			Ч	S C	20		Ч Ц	-Ч	<u> </u>
CS	60		-	gravel; occasional cobble; red-brown.										
			- 16		CL		()目:							
			-											
			- 17	Silt; some fine sand; red-brown.				0.0						Soil sample
			- 10	,			心目的							collected for laboratory
			- 18		MLS]:目:							analysis.
			= 		IVILS		*:甘:							
			- 19				行目的							
			E-20				*日:							
5 CS	60 60		E	Silt; trace clay; red-brown.										
			-21				<u>:</u> 日:							
			-											
			-22					0.0						
			-		ML			0.0						
			-23											
			-				1. 目:							
			- 24				に日日							
			-				(: 目:							
6 CS	48		25	<u>Clay</u> and <u>Silt;</u> dense to loose;			心白い							
0.5	48		Ē	red-brown.	A 10		₿·日·							
			= ⁻²⁶		CL-MI									
			-27				[]:日:1							
			- 21	Silt; some fine sand; red-brown;			彩目的							
			-28	saturated.	MLS	目出	(日)							
						同時	()目()							
LĄ			-29	FOR @ 20 feet		1334								
				EOB @ 29 feet.										
				EOB @ 29 leet.	I	I						I		

Fax: 608-833-5551

Watershed/Wastewater	Waste Management	

Route To:

					Remedia	ation/Rede	evelopmer	nt 🛛		Other							
													Pa	ge 1	of	3	
•	/Project					License	/Permit/N	Monitorii	ng Num	ber		Boring	Numbe	r			
Magellan Superior Station					D. D							PZ-1					
Boring Drilled By: Name of crew chief (first, last) and Firm					Date D	Date Drilling Started Date Drilli					ng Com	pleted		Dril	ing Method		
Boart Longyear, Inc Matt White							5/24/2006					5/24/2	2006		Rotosonic		
	Well N		,	Well ID No.	Common Well Name	Final S	tatic Wate			Surface						Borehole Diameter	
		026			PZ-1		Feet MSL 537.9									6.0	
Local (State 1	Grid Orig Dono	gin	(es	timated: 📋) or Bor N,	ng Location		Lat Local G				Brid Loc						
State		of N	W 1	1/4 of Section 15,	T 49 N, R 14 W		Long '"					□ N Feet □ S				E Feet W	
Facility		<u>л 1</u>	••	County	1 47 N, K 14 W		unty Code Civil Town/City/ or Village										
-				Douglas		16		Supe		-	-						
San	nple											Soil	Prop	erties			
	Length Att. & Recovered (in)	ts	et		Rock Description						e						
г е	Att. red (Blow Counts	Depth In Feet		eologic Origin For		s	0	g		Compressive Strength	e		y		nts	
Tyr Tyr	gth ove	M C	oth I	Ea	ch Major Unit		C	phic	Well Diagram	PID/FID	npre	istur itent	uid it	Plasticity Index	00	RQD/ Comments	
Number and Type	Len Rec	Blo	Dep				U S	Graphic Log	Well Diag	PIC	Compress Strength	Moisture Content	Liquid Limit	Plastic Index	P 200	RQD/ Comm	
1 CS	60 6		E		, Clay, and Gravel	;		\otimes									
	0		- 1	dark brown.													
			F														
			-2														
			E,														
			<u>-</u> 3							70						Hydrocarbon	
			E ₄					¥XXX								Odor	
				Clay, stiff, red-br	own.												
2 CS	60																
CS	60		6				CL										
			E^6							160						Soil sample	
			E_7	~												collected for laboratory	
			Ē	<u>Clay;</u> some silt; re	ed-brown.											analysis.	
			-8														
			E														
			9 E							155						Hydrocarbon	
_			E_10													Odor	
CS 3	60 60		- 10				CL-MI										
			-11														
			F														
			- 12														
			Ē														
			E ⁻¹³														
			E 	~													
			Ē	Clay, stiff; trace s	ilt; red-brown.		CL	\////		58							
			-15					¥/////									
I hereb	y certify	that the	e informa	ation on this form is true an	l correct to the best of my	knowledg	ge.										
Signat	ire				Firm Leg	ggette,	Brashe	ears &	Grah	am, I	nc.				Te	1: 608-833-5555	

Bori	ng Numl	ær	PZ-	1							Pa	ge 2	of	3
San										Soil	Prop	erties		_
	Length Att. & Recovered (in)	its	eet	Soil/Rock Description					ve					
er Pe	l Att ered	Cour	In F	And Geologic Origin For	S	c	в	8	essi th	ure nt		ity		ents
d Ty	ngth	Blow Counts	Depth In Feet	Each Major Unit	U	Graphic Log	Well Diagram	PID/FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
2 ► Number and Type	Re Le	BI	ď		U S	53	D Q	Id	Sti Sti	Σŭ	ĒĒ	Pl	P	C K
ĊŚ	60 60		E	<u>Clay</u> , stiff; trace silt; red-brown.										
			- 16		C			160						
			-17		a									
			F											
			E-18	Sand and Silt; trace clay; red-brown; moist to wet.										
			= 	moist to wet.	SM									
			Ē		~~~~			175						Soil sample collected for
5 CS	60 60		E-20	Sand, fine, red-brown.										laboratory analysis.
	60		-21											
			F											
			-22		SP			5.0						
			-23											
			Ē											
			-24	Clay; little silt; red-brown.										
			-25											
6 CS	60 60		E											
	00		-26					1.0						
			-27		a									
			E		L									
			-28											
			E											
			E ⁻²⁹					1.0						
7 CS	60		- 30	Sand, fine, red-brown.										
CS	60		- 21											
			E-31		SP									
			-32											
			Ē	Sand; some silt; some clay; red-brown.										
			- 33		SM									
			- 34	Sand, fine, red-brown.										
			Ē	<u>Dane</u> , fille, fed-blowil.										
8 CS	60 60		= ⁻³⁵											
	00		- 36											
			È		SP									
			- 37											
			-38											
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Boring Number	PZ-	1							Pa	nge 3	of	3
Sample								Soi	l Prop	erties		
Number and Type Length Att. & Recovered (in) Blow Counts	set	Soil/Rock Description					ve					
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Number and Type Length Att. & Recovered (ir Blow Counts	Depth In Feet	Each Major Unit	U S C	Graphic Log	Well Diagram	PID/FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
A Number and Type B Blow Course	_ Õ		D	L G	Well Diagr	Id	Stı Stı	ΰĔ	E E	Pl ² Inc	P	CC K
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8.9	-45	EOB @ 45 feet.		<u> </u>	<u>; t-</u> ,							
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