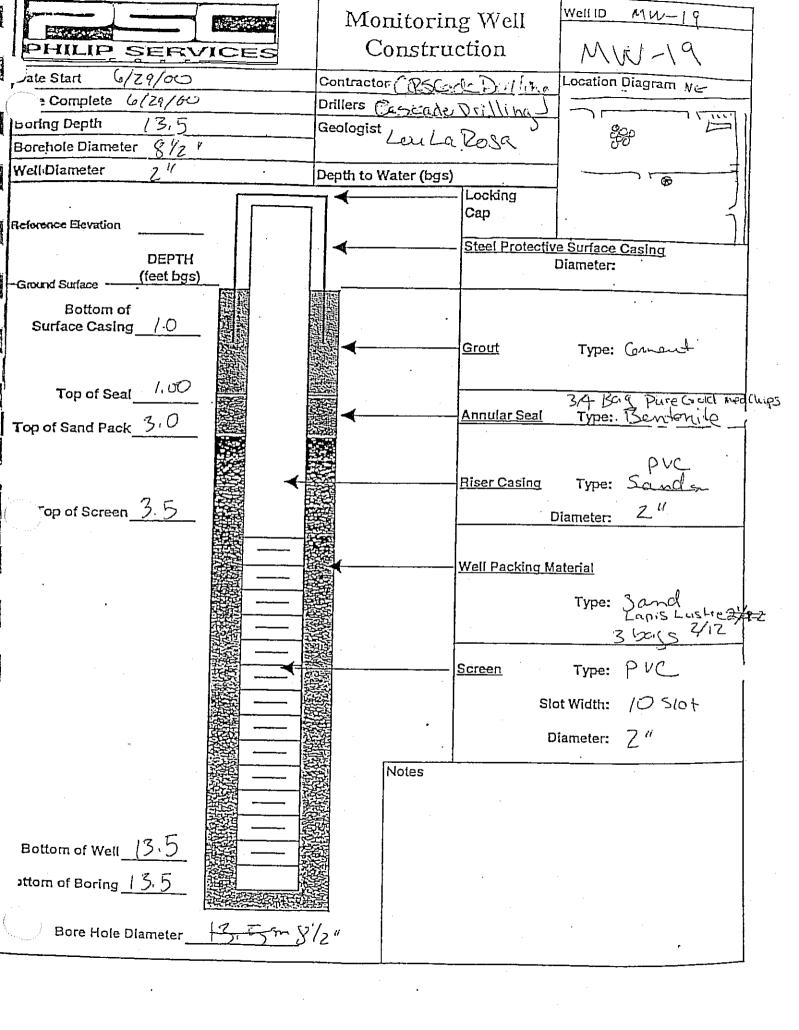


APPENDIX 3B

Well Construction Diagrams

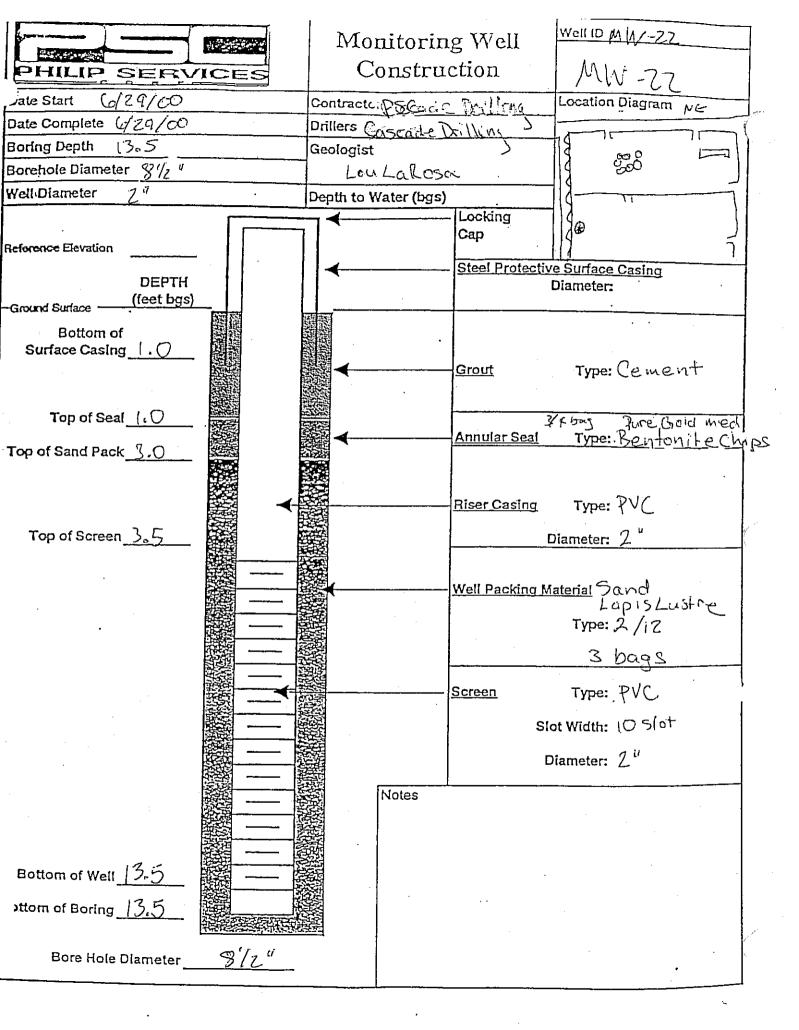
	Monitoring Wel	Well ID MW-V7
PHILIP SERVICES	Construction	MW-17
Jate Start 6/29/00	Contractor (RSCO)- 111 1	Location Diagram (-N
e Complete 6/29/00	Drillers Carcade Drillin	
boring Depth (4	Geologist	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
Borehole Diameter 81/2"	TLOULaROSa.	
Well-Diameter 2" .	Depth to Water (bgs)	
	Locking	
Reference Elevation	Cap	. . .
Helpseine Eleannil	Steel Pro	otective Surface Casing
DEPTH	3.55.71	Diameter:
-Ground Surface (feet bgs)		11/2 mays Set Sut
Bottom of		0
Surface Casing		
	Grout	Type: Coment
		1
Top of Seal		1. Dune Grace mediche
Top of Sand Pack 3	Annular	Seal bigType: Bentonite
Top of during Fuor		
→	Riser Ca	sing Type: PVC
Top of Screen		Diameter: 2"
	Well Paci	King Material
		Sand
		Type: Lapis Lustre 2/12 3/2 boas
		3/12/200
	Screen	Type: PVC
		Slot Width: LO Slot
		· · · · · · · · · · · · · · · · · · ·
		Diameter: 2 "
	Notes	
		·
		·
Bottom of Well (4		
ottom of Boring 4		
Bore Hole Diameter 4.42 "		
Date Hole Diameter B CC		

	Monitoring W	ell Well ID MW-18
PHILIP SERVICES	Construction	1 MW-18
Jale Start 7/7/00	Contractor PSC	Location Diagram Ne
Date Complete 7/7/00	Drillers (ascade Dr	
Boring Depth 15	Geologist	# F
Borehole Diameter 81/2 "	Loula Rasa.	
Well-Diameter 2 ^h	Depth to Water (bgs)	
	Locki	ing
Reference Elevation	Cap	
TRANSPORT LICIANON	Stee!	Protective Surface Casing
DEPTH		Diameter:
-Ground Surface (feet bgs)		
Bottom of		
Surface Casing		
	Grout	Type: Cement
Top of Seal\		fuse Grad medly
Top of Sand Pack 3	Annul	ar Seal Type: bentonite
Top of ourid ruck		
		Die C
	Riser	Casing Type: PVC
Top of Screen 5 5		Diameter: 2"
	Wall B	acking Material
	West 1	
		Type: Sand Lapis Lustre 4 bags
		Lapis Lustie
		4 604
	Screen	Type: PVC
		Slot Width: 10 Stot
		Diameter: 2"
	Notes	
	Notes	·
Bottom of Well 5		
attom of Boring 15		
Bore Hole Diameter $3^{i/2}$.	— ((



	Monitoring Well	Well ID MW-20
PHILIP SERVICES	Construction	MW-20
Jate Start 6/28/00	Contractor PSCAR Dallive	Location Diagram NC
Date Complete 6/28/00	Drillers (Ascate Drilling	
Boring Depth 12	Geologist Lou Lukosa	860
Borehole Diameter 8 1/2"		(
Well-Diameter 2"	Depth to Water (bgs)	
Reference Elevation	Locking Cap Steel Protective	/e Surface Casing
DEPTH Ground Surface (feet bgs)		Diameter: 8"
Bottom of Surface Casing	Grout	Type: Cenent
Top of Seal 0.5 Top of Sand Pack 1.5	Annular Seal	Type: Rentonite
Top of Screen <u>+O 2</u>	Riser Casing	Type: PVC Diameter: 2"
	Well Packing M	aterial Lapis Livstre Sound Type: 2/12 3 bags
		Type: PVC of Width: /O
	Notes	-
attom of Boring 12		
Bore Hole Diameter 91/2		•

	Monitorin	g Well	Well ID MW-ZI
PHILIP SERVICES	Construc	ction	Kent-MW-21
vale Start 7/14/60	Contractor PSC		Location Diagram
2 Complete 7/14/60	Drillers Cascacle	Drilling	
buring Depth 15	Geologist		
Borehole Diameter & 1/2 0	LouLaRosa)	
Well-Diameter 2"	Depth to Water (bgs)	<i>ن</i> .5.	
Reference Elevation		Locking Cap	
DEPTH Ground Surface (feet bgs)	17 asi		e Surface Casing Diameter:
Bottom of Surface Casing		<u>Grout</u>	Type: Cement
Top of Seal	•	Annular Seal	Pure Girld Med. Chip Type: Bentonite
Top of Screen 5		Riser Casing	Type: PVC Schedule 40 Viameter: 2"
		Well Packing Ma	Sand Type: Lapishustre
			Type: Schedule 40 of Width: 10 Slot
Bottom of Well 15	Notes		
Bore Hole Dlameter 81/2"	<u> </u>		



		Monitorin	g Well	Well ID MW-23
PHILIP SERV	ICES	Construc	ction	MW-23
rate Start 7/7/00	_	Contractor PSC		Location Diagram NE
: Complete 7/7/00		Drillers (Oscade	Drillery	
Boring Depth 15'		Geologist	-	
Borehole Diameter 8//2	,	LOYLAROSO	*	
Well-Diameter 2 4		Depth to Water (bgs)		\
		7	Locking	K /
Reference Elevation			Cap	<u> </u>
			Steel Protectiv	e Surface Casing
DEPTH Ground Surface (feet bgs)				Diameter:
Bottom of				
Surface Casing		←	Grout	Type: Cement
Top of Seal			Annular Seal	Ture Crick Medicap
Top of Sand Pack _ 3			Attitutat Seat	Type: Bentonite
Top of Screen	+		Riser Casing	Type: PVC
op or acreen				Diameter: 2"
•			Wen Facking iv	laterial Sand LapisLustre Type: 2/12 3/2 bags
			<u>Screen</u>	Type: PVC
				ot Width: 10 Slet
				Diameter: Z "
		Notes		
Bottom of Well (5)				
ottom of Boring 15				
Bore Hote Diameter	81/2"			ŗ
				······································

Top of Sand Pack 2.5 Top of Screen #1.3 Construction #W-24 Contractor PL Location Diagram #2 Construction MW-24 Location Diagram #2 Contractor PL Loca
Date Complete 6/28/00 Boring Depth 13 Borefiole Diameter 8/7 Depth Land Land Rosa Well Diameter 2" Depth to Water (bgs) Reference Elevation DEPTH (feet bgs) Bottom of Surface Casing Diameter: Top of Seal 10 Top of Sand Pack 2-5 Top of Screen 13 Top of Screen 13 Well Packing Material Lanis Luckney Type: Sand 2/12 3 bags
Date Complete 6/28/00 Boring Depth 13 Borefiole Diameter 8/7 Depth Land Land Rosa Well Diameter 2" Depth to Water (bgs) Reference Elevation DEPTH (feet bgs) Bottom of Surface Casing Diameter: Top of Seal 10 Top of Sand Pack 2-5 Top of Screen 13 Top of Screen 13 Well Packing Material Lanis Luckney Type: Sand 2/12 3 bags
Borneloe Diameter 977 Geologist Low Lock Rose Borneloe Diameter 977 Depth to Water (bgs) Coxing Cap Diameter: Coround Surface Steel Protective Surface Casing Diameter: Top of Seal Low Rose Type: Reformed Casing Pure Cold Wight Packing Material Lapis Luck Rose Type: Sand 21 12 3 bags Type: Sand 21 12 Type: Sand 21
Well-Diameter 2" Depth to Water (bgs) Locking Cap Steel Protective Surface Casing Diameter: Ground Surface Casing O Top of Seal / O Top of Sand Pack 2.5 Top of Screen + 1.3 Top of Screen + 1.3 Well Packing Material Lapishushe Type: Sand 3/12 3 bags - 1 Well Packing Material Lapishushe Type: Sand 3/12 Type: Sand 3/12 - 1 Type: Sand 3/12 - 1
Well Diameter 2" Depth to Water (bgs) Locking Cap Steel Protective Surface Casing Diameter: Ground Surface Casing Top of Seal / O Top of Sand Pack 2-5 Top of Screen + 3 Well Packing Material Well Packing Material Type: Sand 2/12 3 2003
DEPTH (feet bgs) Bottom of Surface Casing Diameter: Top of Seal 1.0 Top of Sand Pack 2.5 Top of Screen 1.3 Well Packing Material Lapis Lusher Type: Sand 2/12 3 bags
Ground Surface (feet bgs) Bottom of Surface Casing 1.0 Top of Seal 1.0 Annular Seal Type: Retenrite Chr. 1/2 bars Riser Casing Type: PVC Diameter: 2" Well Packing Material Lapis Lustre Type: Sand 2/12 3 bags
Bottom of Surface Casing 1.0 Top of Seal 1.0 Top of Sand Pack 2.5 Top of Screen 1.3 Riser Casing Type: PVC Diameter: 2" Well Packing Material Lapis Lustre Type: Sand 2/12 3 bags
Top of Sand Pack 2-5 Riser Casing Type: PVC Diameter: 2" Well Packing Material Lapis Lusine Type: Sand 2/12 3 bags
Riser Casing Type: PVC Diameter: 2" Well Packing Material Lapis Lustre Type: Sand 2/12 3 bags
Well Packing Material Lapis Lustre Type: Sand 2/12 3/023
Type: Sand 3/12 3/03
Screen Type: PVC
Slot Width: [Slot
Diameter: 2"
Notes
Bottom of Well 15
ottom of Boring 3
Bore Hole Diameter + 781/2"

	Water 2	Monitorin	g Well	Well ID MW-24D
PHILIP SERV	ICES	Construc	=	MW-24D
Jale Start 6/28/00		Contractor PSC	1	Location Diagram Ne
te Complete 6/28/00		Drillers Carrade Do	11/11/20	7.6
ing Depth 39'bss		Geologist)	
Borchole Diameter 8 1/2 "		LouLahosa	· •	(25 ±
Well-Diameter 2"		Depth to Water (bgs)		
		¬ 	Locking)
Reference Elevation			Сар	
Interest English		4	Steel Protective	e Surface Casing
DEPTH				Diameter:
-Ground Surface (feet bgs)				
Bottom of				
Surface Casing			^	
		◀	Grout Canent	Type:
Top of Seal <u> </u>				Price Coold Med
Top of Sand Pack 27		₹	Annular Seal	Type: Bontonite chips
rop or band rack		226)		7 bags
			Riser Casing	Type: PVC
Top of Screen 29			· ·	liameter: 2"
				Tarreter.
			well Packing Ma	aterial Lapis Lustre Sand
•			•	Type: 2/12
·			. •	31/2 1000 8
				31/2 bags
		<u> </u>	Screen_	Type: PVC
			. .	
			Sic	ot Width: [O Kof
			Ď	iameter: 2"
		Notes		·
		223		
Bottom of Well 39				·
attom of Boring 49				
Month of Boring		\$\$	•	
	A 11 11	24		
Bore Hole Diameter	9.17"			
		 -		
	•			

ate Start 7/7/00 Contractor 1	ecode Dellino Location Diagram No.
3011240(0)	
Pote Complete 5 /7 /av	cade Drilling
Date Complete 7/7/00 Drillers (15)	
Boring Depth 15 Geologist	J DIMINIA
Borehole Diameter 81/21/ Lou Lo	Rosa Sis
Well-Diameter 2" Depth to Water	
Reference Elevation	Locking Cap Steel Protective Surface Casing
-Ground Surface (feet bgs)	Diameter:
Bottom of Surface Casing	Grout Type: Cement
Top of Seal	Page Gold Med Chip
Top of Sand Pack 3	Annular Seal Type: Kinton te
Top of Screen 5	Riser Casing Type: PVC Diameter: 2"
	Well Packing Material Sand Type: Lapistustre 2/12 31/2 bags
	Screen Type: PVC Slot Width: 40510+ Diameter: 2"
No	tes
Bottom of Well 15	
attom of Boring 15'	
Bore Hole Diameter \$\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	

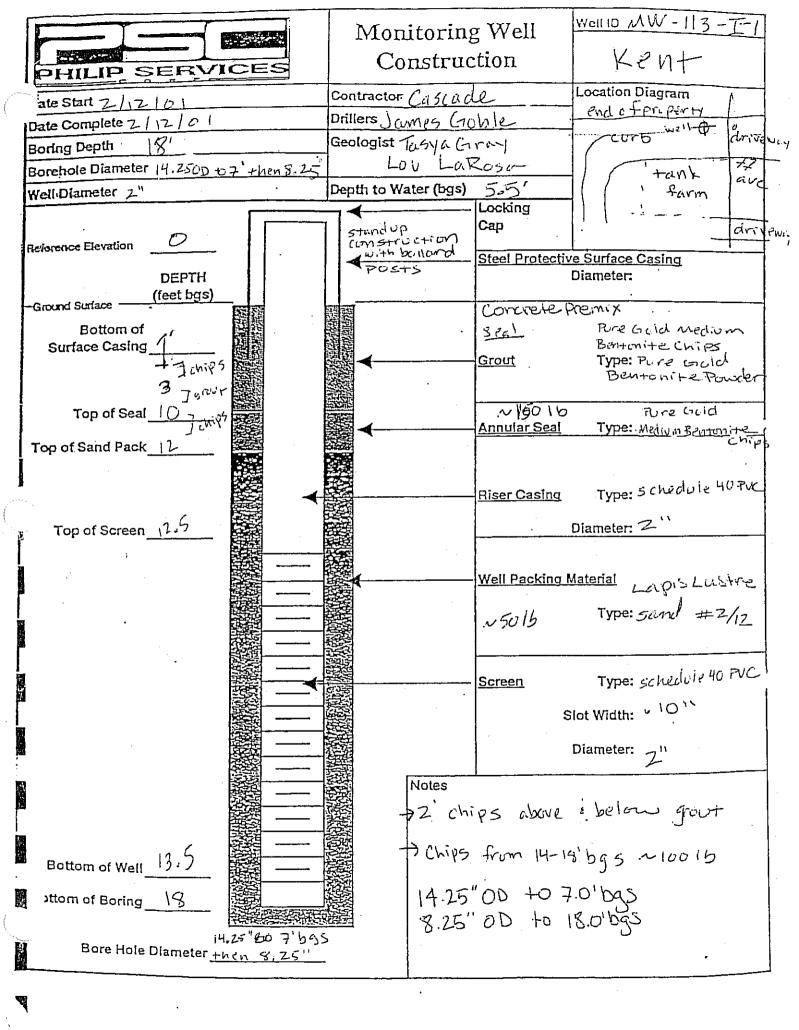
	Monitorin	g Well	Well ID MW-102-I-21
PHILIP SERVICES	Constru	ction	± 5000
rate Start 2/8/01	Contractor Cascac	10/2-11/10	Location Diagram
: Complete 2/8/6	Drillers Brian Gr	1	
Buring Depth (9,0'	Geologist		OO L DECEMBER
Borehole Diameter 8:25" 14:25"	- Salamah Mas	anuson	
Well-Diameter 2"	Depth to Water (bgs)	1)	DWI =
		Locking 30'	
Reference Elevation	7[]	a bove ground	
DEPTH Ground Surface (feet bgs)			Diameter: with bollard posts
Bottom of Surface Casing 2	Tement.		Pure Gold
2	→ Blewix	<u>Grout</u>	Type: Bentonite Powder
Top of Seal <u>40.5</u> TG	→	Annular Seal	Pune Cadal Type: Madinu Chip
Top of Sand Pack 12-5			Bertonite
		Riser Casing	Type: Schedule 40
op of Screen 13.5		D	iameter: 2" PVC
		Well Packing Ma	Type: Sand # 712
		<u>Screen</u>	Type: Schoolile 40
			t Width: 10 Stof
		•	lameter: 2" PVC
	Notes 14.25 8.25	"OD to	5.5' bgs
Bottom of Well 18.5	8,2	5"0D to 5"	19.0 bgs
ottom of Boring 9	2-10.5	s bentonite	pander - seul
Bore Hole Dlameter 8.25" 4.25	10.5-12.5	bgs bentoni	te chips -

•

			
	Monitori	ing Well	Well ID M/N-1/2-5
PHILIP SERVICES	Constr		<u>.</u>
	Contractor	do Dallos	Location Diagram
ate Start 2/1/0	Contractor CS60		77th Aure S.
Date Complete 2/1/6	Drillers Firmes	(70b 16)	1 1 1
Boring Depth 8,0	Geologist Salamah M	laenuson	MW-112-7=41.CC]
Borehole Diameter 8, 25 "			- 680
Well-Diameter 2 "	Depth to Water (by	gs) NPC	
		Locking Cap	
		· •	
Reference Elevation	←	Steel Protect	ive Surface Casing
DEPTH			Diameter:
-Ground Surface (feet bgs)		<u> </u>	e Premix
		CONCRET	e remx
Bottom of Surface Casing/			
		Grout	Type: ∧,A
			Pure Cauch inect
Top of Seal/		Annular Sea	I Type: Bentonile (hps
Top of Sand Pack 2.5			
			puc !
		Riser Casino	puc I Type: Shedule 40
			· · · · · · · · · · · · · · · · · · ·
Top of Screen 3.6			Diameter: 2 "
			•
-	— <u> </u>		Material Lapishusire
			i i
			Type: Sand 2/12
			416
		Screen	Type: PVC Shalule 40 Slot Width: / Slot
			Shaule 40
			Slot Width: 10 5/6+
			Diameter: 2 "
].	
	Notes		
			•
Bottom of Well 6.5			
attom of Boring 8.01			Post of the second of the seco
	表格拉斯		(
Bore Hole Diameter \$ 2	6"	•	•
- DIAMETER	-/		

	Monitoring	g Well	Well 10 MW - 112 - I7
PHILIP SERVICES	Construc	ction	
ate Start 2/14/61	Contractor Casca	de Drilling	Location Diagram
Date Complete 2/14/01	Drillers Bryan	10.58	othic 1
Boring Depth 37.5' bas,	Geologist /		X
Borehole Diameter 14.25" /8,25"	Tasya (avay Sila Depth to Water (bgs)	unali Magnosor	s driveway
Well-Diameter 2"	Depth to Water (bgs)	VA .	The Devilor + well
	7	Locking	
Reference Elevation		Cap	LTF
Relotetice Elevation	12" 5 Kir+	Steel Protectiv	e Surface Casing
DEPTH	go diameter	1	Diameter:
-Ground Surface (feet bgs)	2.5	concrete, ~ (Bentonite C.hips 21501h
Bottom of \			7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
Surface Casing		O4	T
1 chips	Pur P	<u>Grout</u>	Type: bentonite perudit
ECONOMIC .	1 Grad		200 g allow
Top of Seal 22 chips	1 Chip	N 5016 Annular Seal	Pure Coold
Top of Sand Pack		Annular Seal	Type: Medium Bentonite
23,5'		,	
		Biana Onsilan	Type: School 40PVC
		Riser Casing	Type: 5 cheen 1/C) FVC
Top of Screen 24			Diameter: 711
		Well Packing M	laterial
		N	1
		15016	Type: 5 and
			Lapis Juster
		<u>Screen</u>	Type: School to Puch
		Si	ot Width: 10 5 lot
			1
			Diameter: 2"
	Notes		
	Roles	. 77 -	before sandruck
	+ Chipper	+0 4.5	(15016)
	# 1.5'ch	ips below	grour
Bottom of Well 27	題 2'の	nips above	group group group group
attom of Boring 37.5			
14.25" +05'6	15		
Bore Hole Diameter 5-37,5' :5 5,2	-5 ''		•
	<u></u>		

	Monitoring Well	Well 10 MW-112-D
PHILIP SERVICES	Construction	. ±
ate Start 2/5/01	Contractor Gasade Drilling	Location Diagram 77 47
Date Complete 7/5/0	Drillare 12-	
Boring Depth 44	Geologist Silana IA IAA GAALLA	111.117-fr - 171.116
Borehole Diameter 4 /4, 8 /4"	Geologist Silaman Majavisa Depth to Water (bgs) 11.5) = thurstand
Well-Diameter An	Depth to Water (bgs) 11.5	988
	Locking	
Reference Elevation	Cap	
Releasence crevation	Steel Protecti	ve Surface Casing
DEPTH	1 5161	Diameter:
-Ground Surface (feet bgs)	Corcrete	Premix
Bottom of		^ · I
Surface Casing	Grout	Type: has been to
:3'	cm'p3	Type: Ben Fenile gauder
25'	Torrout	
Top of Seal	Annular Seal	Type: Medium Bentanily Chy
Top of Sand Pack 37.5'	Chips	7,
		•
	Riser Casing	Type: Schedule 47
0 9 7		Diameter: Q'
Top of Screen 38,5		Diameter:
		İ
	Well Packing	Material Lapis Lustre
		Type: Sand
		2/12
	Screen	Type: Schedule to
		Slot Width: 10 Slo.+
		Diameter: 2 "
<u> </u>		·
	Notes	
	14.25" OD to 7.0 8.25" OD to 44	D' 62's
	8,25"OD to 44	1, pls
Bottom of Well 43, 5		
attom of Boring 44'		
1/1//	The state of the s	
Bore Hole Diameter 4/4	314	•

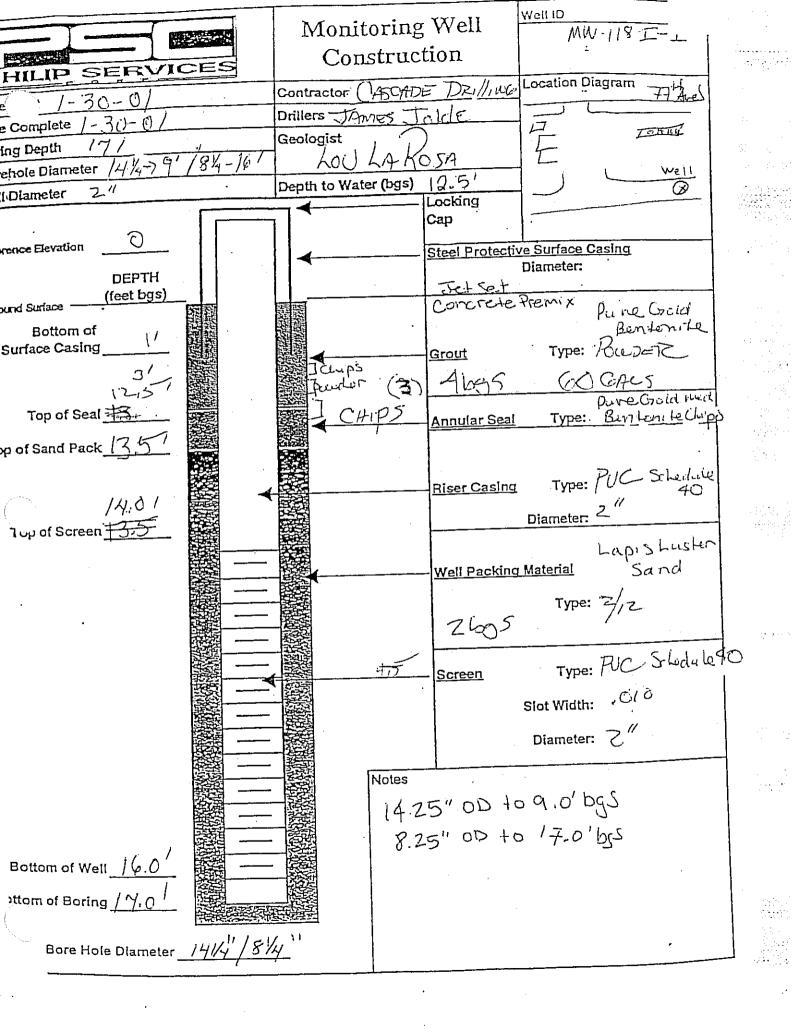


	Monitoring	Well	Well 10 MW-114=T-1	
PHILIP SERVICES	Construc	•	<u>.</u>	
ate Start 2/4/01	Contractor Cascad	P. Drilling	Location Diagram	-1 7
Date Complete 2/4/0	Drillers Brian (- \	+4	<u>(</u>
Boring Depth 15 15	Geologist		DMW-114-1-1 77 40	اد
Borehole Diameter 1414", 814"	SalamahMagi	nuscin_	DE TEHROL	ŀ
Well-Diameter 2 "	Depth to Water (bgs)	2.0.		ŀ
The state of the s	-, ∢	Locking		
	7	Cap		
Reference Elevation	 		e Surface Casing	1
DEPTH			Diameter:	
Ground Surface (feet bgs)		John Concrete	Premix	\dashv
Bottom of		Condo	_	
Surface Casing/		0	Rune Gold	
2'	1 Chips	<u>Grout</u>	Type: Grante	
+ 3'	Grout			
Top of Seal 39.5		Annular Seal	Rive Cycled Type: Nedium Chips	ļ
Top of Sand Pack 11.0'	Chips	Annolar Gear	Bertenite	-
	,		July dule 4	d
		Riser Casing	Type: 2" PVC	
			. ((
Top of Screen 11.5			Diameter:	\dashv
		Well Packing I	Material LongisListing	,
			Type: Sand	
			2/12	
				4
		Screen	Type: Schoolate 40	. }
		s	ilot Width: 2" PVC 10 St of	
			Diameter:	
				_
	Notes			
	園 114.20	5" OD +0	50'has	
	1655 p. kg	04 do "5	<u> </u>	ļ
Bottom of Well 13.5	图 8.25	"OD +0	15.0'bs	
		•	_	
attom of Boring \\\ \(\sqrt{5} \)				المريخ
世代の	数程 更	•	(
Bore Hole Diameter 14/4"	31/4"		•	

	Monitoring	g Well	Well ID MW-117-I-Z
PHILIP SERVICES	Construc	ction	<u>-</u>
ate Start 2/0/0	Contractor C(15C(1)	20 Drilling	Location Diagram
Date Complete 2/6/0	Drillers Brack	// //////////////////////////////////	771/25
Boring Depth 19.5	Geologist	· · · · · · · · · · · · · · · · · · ·	
Borehole Diameter 1414, 814	Salamah Maa	linason	E well
Well-Diameter 3.11	Depth to Water (bgs)	60'	E -weil
	1	Locking	
Reference Elevation		Cap	. ' [
Helekeyice Erekanoti	4	Steel Protectiv	re Surface Casing
DEPTH			Diameter:
-Ground Surface (feet bgs)	25.45	Jet Set Concrete	- w.x
Bottom of		Concrete	Pure Codd
Surface Casing 0			Type: Bentonie
301	Chip	Grout	Parader
] pourluit		· · · · · · · · · · · · · · · · · · ·
Top of Seal [1.7]	7 Chip	Annulas Saai	Pure Gold Word.
Top of Sand Pack 13.0		Annular Seal	Type: Bentevite Chip
		Riser Casing	Type: Shodule 40
			i.
Top of Screen 140			Diameter: 3" PVC
			1.000/100/10
		Well Packing M	
			Sanci Type: 2/12
			Type: 2/12.
		<u>Screen</u>	Type: Schodule 40
			puc lot Width: 10 510+
		S	lot Width: 10 510+
			Diameter: 🎧 🗥
			<i>V</i>
	Notes		
	114.25	of do"s	
			-11-7
Bottom of Well 19.0	Si 7.25	" 0D to 19	5 BY
		•	
>ttom of Boring 915			
Boro Haters	. /		
Bore Hole Diameter 14/4" \$1/4	<u>- '</u>		•

1.35 o

		Well 10 MW-118-1
	Monitoring Well	
PHILIP SERVICES	Construction	-
100	Contractor Casade Dilling	Location Diagram
ate Start 1/29/01	Drillers Kosay Gode	
Date Complete 1/29/01	Geologist	TEST Office
Boring Depth 15.0	Salamah Magnuson	
	Depth to Water (bgs) 6 0.5	
Well-Diameter 🦙 "	Locking	1, 0
0'	Cap	
Reference Elevation	Steel Protect	ive Surface Casing
DEPTH	1 -10+	Diameter:
-Ground Surface (feet bgs)	Trt Cot	- Premy Pure Gold
Bottom of 1		1
Surface Casing	J.Ch.D. Grout	Type: Bentante
2'		powder
	Grout	Park Gold Rentinie
Top of Seal A	Annular Sea	
Top of Sand Pack 5/55	Jungship	
Top or Sand Fack		Schodule 40
	Riser Casino	
		Diameter: 2"
Top of Screen + O		
		Lapishustre Sanch
	Well Packing	g Material So
		Type: 2/12
		7,-
		1.14
	Screen	Type: PVC Schilale 1
		Slot Width: 10 5 to f
		Diameter: 2 "
	Notes	
	14.25" OD +0	15.0%
		_
Bottom of Well 12.6	Chip 5.0-4.0' b Graut 4.0-1.0' b chip 2.0-1.0' b	
	Grant 4.0 1.0	7.
ottom of Boring 15.0	chip 4.0-1.0 E	ر2،
स्त्र विकास के किया है। स्रोत	25.002.74	(
Bore Hole Dlameter 125''		
_	τ.	



PHILIP SERVICES	Monitoring Wo	
ate Start 2/12/01	Contractor Colorade 11	
Date Complete 1 // 2/0	Drillers Thian Get	ie don
Boring Depth 17.5	Geologist	
Borehole Diameter 14 1/4", 51/4"		(ison
Well Diameter 2 //	Depth to Water (bgs)	
Reference Elevation DEPTH		Protective Surface Casing Diameter: 12" Skirt 10" diameter
-Ground Surface (feet bgs)	us ne	12 SKIVE
Bottom of Surface Casing be vituality (hips to) Grout to 3	J. Cin. p Torrant	Bintonite Pouder
Top of Seal (O	Tch.p	lar Seal Type: Bentwite Chips
Top of Sand Pack 11,5		Casing Type: Schell 40 PVC
Top of Screen 12	Well	Diameter: 7'' Packing Material
		Type: Lapis Luster 2/12 sand
	Scree	en Type: Sched 40 PV C
	Notes	Diameter: 2"
		e scals above and rout
Bottom of Well 17	9.25'0D	to 6.0 bas
ottom of Boring 17,5		to 17.5' bas
Bore Hole Diameter 14,25" +	to 17 5' bas	

,

Monitoring Well Construction Lestert 3/15/61 Date Complete 3/15/01 Date Complete 3/15/01 Date Complete 3/15/01 Date Complete 3/15/01 Depth 3/15/15 Develoe Date Service Coverte Oscillus Construction Depth 3/15/01 Depth 3/15/01 Depth Water (begs) Depth to Water (begs) NA Depth to Water (begs) Diameter: Bottom of Surface Casing Top of Sand Pack 3/2 Top of Sand Pack 3/2 Top of Screen 3/3 Top of Screen 3/3 Well Packing Meterial Lapis Luster Type: Casing Typ			Maritaring	TXIAII	Well 10 MW-170-T2
Le Start 3/15/01 Le Start 3/15/01 Drillers					<u>.</u>
te Start 3/15/e Contractor Complete 2/15/0 Date Complete 2/15/0 Date Complete 2/15/0 Geologist Depth 2/15/0 Geologist Depth 2/15/0 Geologist Depth 1/15/0 Geologist Depth 1/15/0 Depth to Water (bgs) NA Depth to Water (bgs) Depth SUIT IP SERVI	CES	Construct	11011		
Date Complete \$\frac{3/5/01}{28.5'}\$ Borfing Depth \$\frac{9.5'}{28.5'}\$ Borfing Depth \$\frac{9.5'}{28.5'}\$ Borehole Diameter \$\frac{1}{5'}\frac{9.74''}{28.5'}\$ Borehole Diameter \$\frac{1}{5'}\frac{1}{5'}\frac{9.74''}{28.5'}\$ Borehole Diameter \$\frac{9.74''}{28.5'}\$ Borehole Diameter \$\frac{1}{5'}\frac{1}{5'}\frac{9.74''}{28.5'}\$ Bottom of \$\frac{1}{5}\text{Depth to Water (bgs)}\$ DEPTH (leet bgs) Bottom of \$\frac{1}{5}\text{Steel Protective Surface Casing Diameter:}} Bottom of \$\frac{1}{5}\text{Depth to Water (bgs)}\$ Pare Croi of \$\frac{1}{5}\text{Pounder}\$ Pare Croi of \$\frac{1}{5}\text{Pounder}\$ Top of Sand Pack \$\frac{9.2}{2.5}\$ Top of Sand Pack \$\frac{9.2}{2.5}\$ Top of Screen \$\frac{1}{2}\$ Well Packing Material Lapis Lustry \$\frac{1}{2}\text{Pounder}\$ Type: \$\frac{1}{2}\text{Pounder}\$ Well Packing Material Lapis Lustry \$\frac{1}{2}\text{Pounder}\$ Type: \$\frac{1}{2}\text{Pounder}\$ Screen Type: \$\frac{1}{2}\text{Pounder}\$ Soreen Type: \$\frac{1}{2}\text{Pounder}\$ Bottom of Well \$\frac{1}{2}\text{Pounder}\$ Notes \$\frac{1}{2}\text{Pothod is \$\frac{1}{2}\text{Pounder}\$}\$ Notes \$\frac{1}{2}\text{Pothod is \$\frac{1}{2}\text{Pothod}\$}\$ Bottom of Well \$\frac{1}{2}\text{Pothod is \$\frac{1}{2}\text{Pothod}\$}\$ Bottom of Boring \$\frac{2}{2}\text{Pothod is \$\frac{1}{2}\text{Pothod}\$}\$	01 -1		Contractor Coxcade	Osilling	Location Diagram
Borring Depth 38.5' Borrelole Diameter 18/12', 8/14" Borrelole Diameter 2" Well Diameter 2" DEPTH (feet bgs) DEPTH (feet bgs) Top of Seal 20 Top of Sand Pack 22 Top of Sand Pack 22 Top of Screen 23 Well Packing Material Lapis Lustry Type: Sand Well Packing Material Lapis Lustry Type: Sand Sorreen Type: Shedule 40 Slot Width: 10' Slot Diameter: 2" Notes 8.25" OD to 1e.5" by s 14.25" OD to 28.5" by s 14.25" OD to 28.5" by s					O CI PIF
Borehole Diameter f f f f f f f f f	L 47 Lm 1		Geologist		ot gri
Depth to Water (bgs) MedioPameter 2" Depth to Water (bgs) Depth (feet bgs) Bottom of Surface Casing Top of Sereen 23 Top of Screen 23 Top of Screen 23 Bottom of Well 28.0 Steel Protective Surface Casing Diameter: Pare Choical Steel Protective Surface Casing Diameter: Pare Choical Steel Protective Surface Casing Diameter: Pare Choical Screen Type: Choical Pare Ch	Borning Department / \$ / L"	844"	Salaman Ma	ig nuscin	
Reference Elevation DEPTH (feet bgs) Ground Statese Bottom of Surface Casing Top of Seal 20 Top of Sand Pack 22 Top of Screen 23 Well Packing Material Lapis Lusting Type: Sand 120 Diameter: 2" Well Packing Material Lapis Lusting Type: Sand 120 Screen Type: Sand 120 Notes 8.25" OD +D 14.5" by 5 14.25" OD +D 28.5" by 5 14.25" OD +D 28.5" by 5 14.25" OD +D 28.5" by 5	1	•	Depth to Water (bgs)	O WY	frontment
Reference Elevation DEPTH (teet bgs) Ground Surface Bottom of Surface Casing Bottom of Surface Casing Top of Seal 20 Top of Sand Pack 22 Top of Screen 23 Well Packing Material Lapis Lustry Type: Screen Type: Schedule 40 Schedule 4	Wellington				& well
DEPTH (feet bgs) Bottom of Surface Casing Pare Choical Top of Seal 20 Top of Sand Pack 22 Top of Screen 23 Top of Screen 23 Well Packing Material Lapis Lustry Type: Sarval 2/12 Screen Type: Sarval 2/12				· ·	
Bottom of Surface Ground Surface Ground Surface Casing Top of Seal 20 Top of Sand Pack 22 Top of Screen 23 Top of Screen 43 Bottom of Well 28.0 Bottom of Well 28.0 Sound Surface Casing Ground Type: But Not Annular Seal Type: Chip But Not Annular Seal Type: Or Contained In the Surface Casing Type: Or Contained In the Surface Casing Type: Saving Type: Savin	Reference Elevation	•	4	Steel Protective	ve Surface Casing Diameter:
Bottom of Surface Rounds Bottom of Surface Casing Top of Seal 20 Top of Sand Pack 22 Top of Screen 23 Top of Screen 23 Bottom of Well 28.0 Stored Surface Casing I Type: Choir A Med. Annular Seal Type: Choir A Med. Annular Seal Type: Choir A Med. Annular Seal Type: Choir A Med. Bottom of Well 28.0 Screen Type: Bright Surface Well Packing Material Lapis Lugicy Type: Sand 2/12 Screen Type: Bright Surface Screen Type: Bright Surface Screen Type: Bright Surface 10 Screen Type: Bright Surface 11 Screen Type: Bright Surface 12 Screen Type: Bright Surface 13 Notes 14.25" OD to 4.5" by S 14.25" OD to 28.5" by S 14.25" OD to 28.5" by S					
Bottom of Surface Casing Type: Bentonik Pounder Top of Seal 20 Top of Sand Pack 22 Top of Sand Pack 22 Top of Screen 23 Top of Screen 23 Top of Screen 23 Top of Screen 23 Top of Screen 25 Top of Screen 25 Well Packing Material Lapis Lusting Type: Sand 2/12 Screen Type: Schedule 90 Siot Width: 10 Slot + Diameter: 2" Pix Notes 8.25" OD+0 14.5" bis	-Ground Surface (feet bgs)				Para Cardal
Top of Seal 20 Top of Sand Pack 22 Top of Screen 23 Well Packing Material Lapis Lustry Type: Sund 2/12 Screen Type: Schedule 40 Siot Width: 10 Slot Diameter: 2" Pix Notes 14.25" OD to 28.5" by Ittom of Boring 28.5					,
Top of Seal 20 Top of Sand Pack 22 Top of Screen 23 Well Packing Material Lapis Lustry Type: Sund 2/12 Screen Type: Schedule 40 Siot Width: 10 Slot Diameter: 2" Pix Notes 14.25" OD to 28.5" by Ittom of Boring 28.5	Surface Casing 1		製 ₹() () ()	<u>Grout</u>	Type: Pourdet
Top of Seal 20 Top of Sand Pack 22 Top of Sand Pack 23 Top of Screen 23 Top of Screen 23 Top of Screen 23 Top of Screen 23 Well Packing Material Lapis Luggler Type: Sand 3/12 Screen Type: Schedule 40 Stot Width: 10 Stot + Diameter: 2" Pic	3				
Top of Sand Pack 23 Top of Screen 13 Top of Screen 23 Top of Screen 13 Well Packing Material Lapis Lusting Type: Sand 2/12 Screen Type: Schedule 40 Slot Width: 10: Slot Diameter: 2" Pic. Notes 8.25" OD to 14.5" bs 14.25" oD to 28.5" bs			-		form (not of med.
Top of Screen 23 Top of Screen 23 Well Packing Material Lapis Lusting Type: Sanking Alz Screen Type: Schedule 40 Stot Width: 10 Slot to Diameter: 2" Pix Notes 8.25" OD to 14.5" bs 14.25" oD to 28.5" bs 14.25" oD to 28.5" bs	Top of Seal 10		√ Chip	Annular Seal	Type: Chip Buten le
Top of Screen 13 Well Packing Material Lapis Lusting Type: Sairch 2/12 Screen Type: Schedule 40 Slot Width: 10 Slot Diameter: 2" Pix Notes 8.25"00+0 4.5" bs 14.25"0D+0 28.5" bs	Top of Sand Pack 22				-
Top of Screen 13 Well Packing Material Lapis Lusting Type: Sairch 2/12 Screen Type: Schedule 40 Slot Width: 10 Slot Diameter: 2" Pix Notes 8.25"00+0 4.5" bs 14.25"0D+0 28.5" bs					Scheduleay
Well Packing Material Lapis Lustry Type: Sand 3/12 Screen Type: Shedule 90 Slot Width: 10 Slot Diameter: 2" Pix Notes 8:25" OD+0 4:5" bs 14.25" OD+0 28:5" bs 14.25" OD+0 28:5" bs		- ←		Riser Casing	Type: 131C
Well Packing Material Lapis Lustry Type: Sand 3/12 Screen Type: Shedule 90 Slot Width: 10 Slot Diameter: 2" Pix Notes 8:25" OD+0 4:5" bs 14.25" OD+0 28:5" bs 14.25" OD+0 28:5" bs	- 12 13				Diameter: X"
Type: Sankl 3/12 Screen Type: Schedule 40 Slot Width: 10 Slot Diameter: 2" Pic Notes 1.25" OD +0 4.5' b(5) 14.25" OD +0 28.5' b(5)	Top of Screen XD				. 1
Type: Sankl 3/12 Screen Type: Schedule 40 Slot Width: 10 Slot Diameter: 2" Pic Notes 1.25" OD +0 4.5' b(5) 14.25" OD +0 28.5' b(5)				- Well Packing	Material Lapis Lustry
Screen Type: Shedule 40 Stot Width: 10: Slot + Diameter: 2" Pic Notes 8.25"00+0 is.5' bis 14.25"0D+0 28.5' bis					Time Carried
Screen Type: Shedule 40 Slot Width: 10: Slot					2/12
Slot Width: 10.510+ Diameter: 2" Pic. Notes 8.25"00+0 4.5" bys 14.25"0D+0 28.5" bys sttom of Boring 28.5					7.0
Slot Width: 10.510+ Diameter: 2" Pic. Notes 8.25"00+0 4.5" bys 14.25"0D+0 28.5" bys sttom of Boring 28.5				8	Type Shedule 401
Diameter: 2" PK Notes 8.25"00+0 4.5' bs 14.25"00+0 28.5' bs sttom of Boring 28.5			003	- Screen	
Bottom of Well 28.0 attom of Boring 28.5 Notes $8.25''00+0$ $4.25''00+0$ $14.25''00+0$					
Bottom of Well 28.0 attom of Boring 28.5 Notes $8.25''00+0$ $4.25''00+0$ $14.25''00+0$					Diameter: 2" Pic
8.25"00+0 4.5" b(s) 14.25"0D+0 28.5" b(s) attom of Boring 28.5					
Stom of Well 28.0 stom of Boring 28.5				· · · · · · · · · · · · · · · · · · ·	
Sottom of Well 28.0			1.25	"00to i.	.5' b(s
Sottom of Well 28.0				-40D+0)	R E L Mas
attom of Boring 215	^0 ~			, 0010 %	13 9
	Bottom of Well 28.0				
	sttom of Boring 28.5				
Bore Hole Diameter <u> </u>			日本語		
	Bore Hole Diameter	825", 14,2	5"		

	Monitoring Well	Well ID A WITH
PHILIP SERVICES	Construction	<u>-</u>
ate Start 3/10/01 - 2	Contractor Congression Contractor	Location Diagram
Date Complete 2/7/Cl	Drillers Rcian Carae	The state of the s
Boring Depth 71.5	Geologist	[Lettice]
Borehole Diameter 14/4", 8/4"	SalamahMacquison	JE .
Well-Diameter 7"	Depth to Water (bgs) 7.5	
	Stand up Cap	@Well MW-122-I-Z
Reference Elevation	Monument Steel Protective	ve Surface Casing
DEPTH (feet bgs)	Bumperposts	Diameter:
-Ground Surface	Concrete Pr	enix
Bottom of Surface Casing		en Fure Gold
3,D'	Cimps Grout	Type: Benterite
Top of Seal 12.5	Chi'ps Annular Seal	Price Coold Type: Med Bentonte
Top of Sand Pack 14.5	Attended to the state of the st	Chips
→	Riser Casing	Type: Schodule 401
Top of Screen 15.5		Diameter: 2"
	Well Packing N	Material LapisListe
		Type: Sand
		3/12
	Screen	Type: Schoolale 40
		ovć l
	SI	lot Width: 10 Sich
		Diameter: 2 "
	Notes	
	14.25"OD to 5).5'bgs
Bottom of Well 200	8.25"0D to 8	41.5'bs
attom of Boring 20.5		
Bore Hole Dlameter 4 14", \$1/4	"	•

	PHILIP SERVICES	Monitoring Well Construction	Well ID: MW - 122 - 5 Facility: KENT
	Date Start: 11/20/02 Date Complete: 11/20/02	Contractor CASCADE DRIVING Drillers: BRIAN COSE	
	Total Boring Depth: 3.5	Drill Rig: *	
	Borehole Diameter:	Geologist: Lou LA ROSA	
	81/4"	Well Diameter: Z!	
	DEPTH (feet bgs) Ground Surface Bottom of Surface Casing:	Di Le Fl	Protective Surface Casing iameter: / ^ / ength: / . O usil or Stand-Up (w/bollard posts) ce Seal
	Top of Annular Seal: 0.5 Top of Chips: 0.5 Top of Grout:	Annu Ty	pe: PREMIX CONCRETE nount Used: 6 lar Seal pe: MED. BENTUNITE Chips
(Bottom of Chips: 1.0		nount Used: 0.5
		Ty Dia Well I	Packing Material
	Top of Sand Pack: 1.0	An Screen	·
		Slo Slo Dia Special State Dia Special State Backfi	t Width O ometer: 11 Material
,	Bottom of Screen: 3.5	Type:	Amount:
	Bottom of Well Cap: 3.5	Permit #- AHR	-292
The second of th	Bottom of Sand Pack: 3.5	Notes: START CAR	D# R63604
	Bottom of Boring: 3.5		

		1
	Monitoring Well	Well ID: MW-126-5
PHILP SERVICES	Construction	Facility: KENT
Date Start: 11/22/02	Contractor CASCAROF DRILLIAG	Location Diagram
Date Complete: 11/22/82	Drillers: BRIAN GOSE	
Total Boring Depth: 6.0	Drill Rig: ¥∤	
Borehole Diameter:	Geologist: Low La Rosa	
84"	Well Diameter: Z"	
DEPTH (feet bgs) Ground Surface	D	Protective Surface Casing iameter: \$\frac{\psi}{2}\$ ength: \(\cdot \cdot
Official Surface		ush or Stand-Up (w/bollard posts)
Bottom of Surface Casing: 1.0		ce Seal
Top of Annular Seal: 1.5	Aı	rpe: PREMIX CONCRETE nount Used: 7 lar Seal
l		pe: MED. BENJON KECHIPS
Top of Chips: <u>1.5</u>		THE CONTROL OF THE STATE OF THE
Top of Grout:	An An	nount Used:
Bottom of Chips: 2.5		
	Riser	Casing
200	The Contract of the Contract o	pe: DVC Schedule: 40
les Reger	DIE	meter: 2"
Top of Sand Pack: 2.5	Tyl	Packing Material De: SAND #: 2//2 Rount Used:
Top of Screen: 3.0	Screen	- The Control of the
	Control Control	pe: Pyc Schedule: 40
		Width: .010
		meter: 2"
		Il Material
Bottom of Screen: 6.0	The state of the s	Amount:
DORUM OF SCIECK!	Casing/Joint Type-	
Bottom of Well Cap: 6.0	Permit #- AHR	296
Bottom of Sand Pack: 6.0	Notes: START CAT	20=R63604
Bottom of Boring: 6.0	Real Property and the second s	

	Monitoring	g Well	Well 10 MW-123-5
PHILIP SERVICE	Construc		<u>-</u>
	Contractor Cascade	Dillecc	Location Diagram
4.20	Drillers James		Well The
Date Complete 2/1/01	Geologist	CYDEN	dia dia
Boring Depth 7, 0' Na.S	Salamann	Magnuson	00 F
Borehole Diameter 8,511	Depth to Water (bgs)	6.0	
Well Diameter 3"		Locking	
, [Standup Well	Cap	
Reference Elevation OS	with		ve Surface Casing
	Bumpers		Diameter:
DEPTH (feet bgs)		-	
-Ground Surface	交 蒙	concrete.	Premix
Bottom of			
Surface Casing /		Grout	Type: NA
			Pare Gold Min
Top of Seal		Annular Seal	Type: Bentonie Chipi
Top of Sand Pack 2.5		<u> </u>	The state of the s
top of dance t dost			
		Riser Casing	Schedicule 40 Type: PVC
	▼	- Riser Cashig	` .
Top of Screen 3 /			Diameter: 2 "
	25 E		
		- Well Packing	Material i i
		110000000000000000000000000000000000000	とばり ア ア かっしん
		ĺ	Type: Sand
			2/12
			7.5
		Screen	Type: Schodule 40
			Slot Width: 10;505
		1	,
			Diameter: 2
	Notes	-	
		·	
Bottom of Well 6725			
ottom of Boring 7		•	
	三	. •	
Romalieu en 10	75 11		
Bore Hole Dlameter	15"_		
	1		

The same of

	Monitoring	Well	Nell ID MW-123.	-I-Z
	Monitoring Well		ż	
HILIP SERVICES	Construction			
	Contractor Cascarle D	rilling	_ocation Diagram	
te Start 1/31/01	Drillers Jinnes	1		774
inting Depth 26.5	Geologist		1 600 HAT	office
rehole Diameter 14.25", 8.25"	SalnmahMa	1917(15cin	POUD E	·
all Diameter 2 "	Depth to Water (bgs)	10. bs	/ well mw-125-7-21	
Alibianiesi 🗡		ocking	1	
	Standupwell Ci	1.		
ference Elevation	St		Surface Casing	
DEPTH	Bumper posts	Ĺ	Diameter:	
round Surface (feet bgs)		concrete	Remix	
Bottom of			Dure	rald
Surface Casing	G	rout	Type: Bontonik	Parder
3.1				
	I 1' chips -		One - Carl	c).
Top of Seal 18	16' Slurry/Agi	ند والمرة nnular Seal	Pierce Chal Type: Martine	Lip
op of Sand Pack AOO	Isichips		124114	
4	<u>B</u>	iser Casing	Type: PVC	
		ı	Diameter: 2"	
Top of Screen 21.0				
			Lapis Lu Material Montere	stre
	<u> </u>	Vell Packing M	vaterial Montere	4
			Type: Sand	
		•	#2/12	_
	<u> </u>	<u>Screen</u>	Type: PVC	ì
		S	iot Width: 10 Hot	-
			Diameter: 7"	e de la companya del companya de la companya del companya de la co
	Notes			
	14.25	"OD +08	15 692 31.5	
	8.25	"OD tog	15' bg 5 8.5 165' bg 5	
Bottom of Well 2600		,	•	
attom of Boring 1/2.5				
Worm of Bound Wivi D		÷	•	7
Para 11-1 2: 1.4.2-1	י שאבני			<u> </u>
Bore Hole Diameter 14-25	70.77			

DHILIP SERVICE	Monitoring Works Construction	11100-12-
Date Start: 11/22/02 Date Complete: 11/22/02 Total Boring Depth: 26,5 Borehole Diameter: 14/4 7 6.5' 8/4>265	Drill Rig: * Geologist: Lou La Ros	
DEPTH (feet bgs) ——Ground Surface Bottom of Surface Casing:		Diameter: Surface Casing Diameter: S' Length: / O Flust or Stand-Up (w/bollard posts) Surface Seal Type: Premix Coxxxxx
Top of Annular Seal: Z.0 Top of Chips: Z.6 Top of Grout: Bottom of Chips: Z6.8		Amount Used: 9 Annular Seal Type: MED BEATTONTE CHAPS Amount Used: 12
Top of Sand Pack: 20.0 Top of Screen: 20.5		Riser Casing Type: PV Schedule: 40 Diameter: 2" Well Packing Material Type: #: 2/12 Amount Used: 3
Bottom of Screen: Z5 5	Casing/Joint	
Bottom of Well Cap: 25.5 Bottom of Sand Pack: 26.5 Bottom of Boring: 26.5	Niotas:	HR 297 PT CAPD #R 636C4

	Monitoring Well	Well ID: MW - 127- 5
PHILIP SERVICES	Construction	Facility: KENT
Date Start: 11/20/07	Contractor CASTADE DRUNG	
Date Complete: 11/28/02	Drillers: BRIAN COSE	
Total Boring Depth: 8.0	Drill Rig:	
Borehole Diameter:	Geologist: LOU LA ROSA	·
81/4"	Well Diameter: 21	:
DEPTH (feet bgs) Ground Surface Bottom of Surface Casing: /, o	Dia Lei	Protective Surface Casing umeter: 8'' ngth: /, 0 sh or Stand-Up (w/bollard posts)
Double of Surface Casing. 7.0	Surface Surface	e <u>Seal</u>
Top of Annular Seal: 1.5 Top of Chips: 1.5 Top of Grout:	Am Annula	ount Used: 5 ar Seal ar: NED BENTONITE CHIPS
	Am	ount Used: Z.O
Bottom of Chips: 2.5		
	Riser C	
Top of Sand Pack: 2.5	Diar	s: PVC Schedule: 40 neter: Z'' cking Material NTPAY #: 2/12
	Amo	unt Used: /3
Top of Screen: 3.0	Screen Screen Type Slot Slot Blackfill Backfill	: <u>P/C</u> Schedule: <u>4/8</u> Width: <u>2/0</u> eter: <u>2/1</u> Material
Bottom of Screen: 5.0	haratenine	Amount:
Bottom of Well Cap: 8.0	Casing/Joint Type- Permit #- AHR 2	-75
Bottom of Sand Pack: 8.0	Notes: STAR CAP	D#763604
Bottom of Boring: 8.8		

	Monitorin	g Well	Well ID MIN-174-I-1
PHILIP SERVICES	Construc		<u>-</u>
ate Start 2/8/c	Contractor County	Milling	Location Diagram 77 Aire
Date Complete 1/9/01	Drillers Yansi- Li	10140	77 Aie
Boring Depth 180	Geologist	•	PI+ II
Borehole Diameter 1 (1/4 " \$ 1/4"	SalamahiMao	MUSON	000 F Office
Well-Diameter	Depth to Water (bgs)	4.5'	00 (
	- - - - -	Locking	[MELL]
Reference Elevation		Cap	\$
	4	Steel Protectiv	e Surface Casing
DEPTH			Diameter:
-Ground Surface (feet bgs)	機成	T=+ <= 1	
Bottom of		Carchele P	LEWIX
Surface Casing	調力 CLio		- Pure Cocid
3'		Grout	Type: Pure Cocid
0.71	[Grout		Bentonite
Top of Seal 95			Type: Nat Butingly
Top of Sand Pack_ \\ 5	Chip	Annular Seal	Type: May Bentonite
			Chaps
		Diagon On extensi	Type: Schidule 40
		Riser Casing	Type: I wand the TC
Top of Screen \(\lambda \lambda \cdot \rangle \)		. [Diameter: 2" PVC
			-
		Well Packing M	aterial Lapis
	`		んいうかん
			Type: Sand
		-	2/12
	25	<u>Screen</u>	Type: Shedule 40
		Si	ot Width: LOSlot
			•
		C	Diameter: J " FVC
	Notes		
	20	• •	
	翼 14.75	0,00 to C1	bas
16.5 · 3 - 8	國 8.25	1,00 to 18	3,760
Bottom of Well 170		_	
attom of Boring 18.0'		•	
Born Hotelland (11/4) ml/4			
Bore Hole Dlameter 14/4" B/4"			•

	Monitorin	o Well	Well ID MW-125-71
PHILIP SERVICES	Construc		. ÷.
ate Start 2/13/01	Contractor Caxcele	Drillers	Location Diagram
Date Complete 2/13/01	Drillers Brian Co		+ 4 M
Boring Depth 39.5	101		7 1 40
Borehole Diameter 14/4", 8/4"	Salamah Ma	gnusein	- CWell
Well-Diameter 2 "	Depth to Water (bgs)		office
. 0	1 1 1 1 1 1 1 1 1 1	Locking Cap	
Reference Elevation		Steel Protectiv	/e Surface Casing
DEPTH (feet bgs)		15-15-1-	Diameter: 12" SK CF
-Ground Surface		concrete P	Pure Gold
Bottom of		,	Pare Gold
Surface Casing /	KCW.DS	Grout	Type: Bentonite
3.	Tarait		Powder
Top of Seal 10.5	Ichips		Dure Crold Medium
To al Count Dank 11 5	1011105	Annular Seal	Type: Chip Benton Fe
Top of Sand Pack 11.5			Schedule
		Riser Casing	Type: PVC
			(
Top of Screen <u>\ \ 入,O </u>		· · · · · · · · · · · · · · · · · · ·	Diameter: 2 h
			i orlastea
		Well Packing I	Material Lapis Lastre
			Type: 2/12
		·	/12
		<u>Screen</u>	Type: Schedule to
		·	Slot Width: Slot 4
			Diameter: 2 *
	Notes		
	11/15	" tD 105	5 Va S
		5" OD +030	555
Bottom of Well 13.5	82	5 00 4030	(2)
		•	
ottom of Boring 30.5		•	('
Bore Hole Diameter 1414 11 814			•

PHILIP SERVICES	Monitoring Well Construction	Well ID: MW-102-5 Facility: Kent
Date Start: 11/20/02 Date Complete: 11/20/62 Total Boring Depth: 5.75 Borehole Diameter:	Contractor CASCADE DRILLIOG Drillers: BRIAN COSS Drill Rig: #1 Geologist: Lou LAROSA Well Diameter: Z''	Location Diagram
DEPTH (feet bgs) —Ground Surface Bottom of Surface Casing: 1.8	Di Le Flu Surfac	Protective Surface Casing ameter: 8 angth: /. 0 ash or Stand-Up (w/bollard posts) as Seal be: Premix Coaclete
Top of Annular Seal: 1.50 Top of Chips: 1.50 Top of Grout: Bottom of Chips: 225	Annul Typ	ount Used: 7 ar Seal De: Mad Bautowite CHIPS ount Used: 1,0
Top of Sand Pack: 2.25 Top of Screen: 2.75	Dia: Well P:	e: PUC Schedule: 40 meter: Z" acking Material E: SAND #: 71/2 ount Used: 1.75
Bottom of Screen: 5.75	Slot	Schedule: 40
Bottom of Well Cap: 5.75 Bottom of Sand Pack: 5.75 Bottom of Boring: 5.75	Permit #- AHTZ	293 R63604

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	Monito	ring Well	Well ID: MW - 117 - 5
PHILIP SERVICES	Const	ruction	Facility: KEATT
Date Start: 11/20/02	Contractor Cocas	DE DZILLING	Location Diagram
Date Complete: 1, 120/02	1 -	O GOSE	
Total Boring Depth: 4,0	Drill Rig:		
Borehole Diameter:	Geologist: Lau	LA ROSA	
81/4"		h	
DEPTH (feet bgs)	4		Protective Surface Casing uneter: 8"
	The state of the s		
Ground Surface	Application of Application (Control of Application (Co	and the second s	ngth: 1.8
Bottom of Surface Casing: 人よ	→	_	sh or Stand-Up (w/bollard posts)
		Surfac	
			DE: PREMIX CONCRETE
			ount Used: _5
Top of Annular Seal: 15		Annul	
Top of Chips: 1.5		Typ	PED BENTONITECHIPS
Top of Grout:		A	aumt Haad.
Bottom of Chips: 2.8	2000 100 100 100 100 100 100 100 100 100	Alli	ount Used: 0.5
		Riser (Casing
		Тур	e: PVC Schedule: 40
		Dia	neter: 2"
		Well D	acking Material
Top of Sand Pack: Z.O			SAND # 2/12
Top of bland Fack.			ount Used: /, 0
Top of Screen: 2.5		7 1111	7.0
10p 01 8creen, <u>2.3</u>	11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Screen	
	FOR THE PERSON AND TH		e: PVC Schedule: 40
	11 (1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		Width:
		Dian	neter: 2
		Backfil	<u>Material</u>
Bottom of Screen: 4.0	ELECTRONICS COMMENTARY PRESENTATION	Туре:	Amount:
bottom of Screen: A.O	SALITY AND THE CONTROL OF THE CONTRO	Casing/Joint Type-	
Bottom of Well Cap: 4.0		Permit # AHR	294
Bottom of Sand Pack: 41.0		Notes:	2D # 63604
Bottom of Boring: 4.0	A STATE OF THE STA		

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a market	DHITID ŠĒLĪVICE		nitoring Well Instruction	Well ID: MW-128-I
	Date Start: 11 27/07		SCADE DRILLING	
	Date Complete: 11/72/07		CIAN GOSE	,
	Total Boring Depth: 27.5	Drill Rig: 🔽	·	
	Borehole Diameter:	Geologist: Lo	u ha 1205A	
	144355,84>27.5	Well Diameter:	てル	
	DEPTH (feet bgs)			Protective Surface Casing
ŀ	——Ground Surface——	がままります。 ・	Ler	ngth: 1.0
			_	shor Stand-Up (w/boliard posts)
	Bottom of Surface Casing: 1. b		Surfac	-
				ount Used: 9
	Top of Annular Seal: Z. &		Annula	ar Seal
	Top of Chips: 2.0		Typ	OED. BENDONINE CHIPS
	Top of Grout:		<u>·</u>	· 1
	Bottom of Chips: 21.0		Am	ount Used: 12
1.			Riser C	asing
	•		Тур	e: PVC Schedule: 40
			Diar	neter: 2"
	· .		Well Pa	cking Material
	Top of Sand Pack: 21.0		men	TETZET ,
	-			#: 2/17
7	Top of Screen: 21.5			3
			Screen	
		125.250.20 125.250.20 25.250.20	and the second s	Schedule: 40
				Width: . 01 0
				eter: 2/1
				<u>Material</u>
В	ottom of Screen: 26.5		/ Type: _ Casing/Joint Type-	Amount:
ļ	ottom of Well Cap: <u>ZC.5</u>	Winds book F	Permit # AHR Z	.98
B	ottom of Sand Pack: 27.5		Notes:	D# R63604
Во	ottom of Boring: 27,5		- 111-1 GTK	~ V67601

	Monitoring Well	Well ID: MW-130-I
PHILIP SERVICES	Construction	Facility: Kent
Date Start: 11/19/87	Contractor: CASCADE DRILLING	Location Diagram
Date Complete: 11/19/02	Drillers: BRIRN Ons	
Total Boring Depth: 23.4	Drill Rig: 44/	
Borehole Diameter:	Geologist: (W LA ROSA	
8/4 > 23	Well Diameter: Z"	
DEPTH (feet bgs) Ground Surface	Dia	Protective Surface Casing ameter: 8" ngth: 5.0
Oloung Sullace		sh o Stand-Up) woollard posts)
Bottom of Surface Casing:	Surfac	
	Single Page	
e E	Am	ount Used: 6 - 60#BAGS
Top of Annular Seal: Z.O'	Annul	
	A Company of the Comp	
Top of Chips: 2.6		E. MED. BENJOWIE CHIPS
Top of Grout:	Am	ount Used: 17 -50# 6AGS
Bottom of Chips: 18.0		<u> 30 2</u> //03
	Riser	Casing
ا پن	Typ	e: PVC Schedule: 40
ا اون	Dia	meter: Z"
89 640 640	Well Pr	acking Material
Top of Sand Pack: /8.0	Тур	MONTEDET SAND #: 2/12
<u>-F </u>	Amo	ount Used: Z - 100 45965
Top of Screen: 18.5	Screen	
	Employees	a Date Schadular (10)
		Width 10
	and the second of the second o	neter: Z"
		Material Material
	S. Die Professor (p. 1872)	Amount:
Bottom of Screen: 22.0	Casing/Joint Type-	
D-H	AND ADMINISTRATION OF THE PROPERTY OF THE PROP	
Bottom of Well Cap: ZZ.O	Permit #- AHR 2	
Bottom of Sand Pack: 23.0	Notes: START CA	RD# R63604
Bottom of Boring: Z3'	111111 De= 2.9	AGS

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***	PHILIP SERVICES	Monitoring Well Construction	Well ID: MW-131-I
	Date Start: ///9/02 Date Complete: ///19/02	Contractor: CASCADE DRILLING Drillers: BRIAN) COSE	Location Diagram
	Total Boring Depth: 14.5	Drill Rig: #1 Geologist: Low La Kosa Well Diameter: 21	
	DEPTH (feet bgs) ——Ground Surface	Steel Di	Protective Surface Casing usameter: 1012 8
	Bottom of Surface Casing:	Surfac Typ	shor Stand-Up (w/bollard posts) e Seal pe: REDINIX CONSTE count Used: 4 - CO# 60055
.	Top of Annular Seal: 2.0' Top of Chips: 2.0'	Annul	
	Top of Grout: Bottom of Chips: 8.0'	Am Riser C	ount Used: 10 - 50 bacs
		Typ	e: PVC Schedule: 40 neter: 2"
	Top of Sand Pack: 80'	Type	wite 2 2 2 2 2 2 2 2 2 2
	Top of Screen: 8.5	Screen Type Slot Diam Backfill	: PVC Schedule: 40 Width 70 eter: 2" Material
	ottom of Screen: /3.5' ottom of Well Cap: /3.5'	Casing/Joint Type-	Amount:
	ottom of Sand Pack: 14.5		RD# R63604
В	ottom of Boring: 14.5		

•			
	Monit	toring Well	Well ID: MW - 132 - S
PHILIP SERVICES	Con	struction	Facility: KENT
Date Start: u/zo/02	Contractor:	SCADE DRILLING	Location Diagram
Date Complete: 1. 20/02	Drillers: BRIA		
Total Boring Depth: 4'	Drill Rig: 😕)		
Borehole Diameter:	Geologist: 🗘 🖎	LaRosa	
84'	Well Diameter:	2"	
DEPTH (feet bgs) Ground Surface Bottom of Surface Casing 0.5		Dia Lei	Protective Surface Casing ameter: 10 ngth: 1.0 shlor Stand-Up (w/bollard posts) e Seal
Top of Annular Seal: 0.5		Туј Ап <u>Annul</u>	De: PREMIX CONCRETE Nount Used: 4 De: MED BENTOWITE Chips
Top of Grout: Bottom of Chips: 1.0			ount Used:
		Riser C	Casing
Top of Sand Pack: 1.0		Dia Well P	e: PVC Schedule: 40 meter: 2 // acking Material NTF257 #: 2/12
Top of Screen: 1,5	The second of th	Am. Screen Typ	e: PVC Schedule: 40
	The state of the s	Backfil	neter: Z'
Bottom of Screen: 4		Casing/Joint Type-	291
Bottom of Sand Pack:		Notes:	20* R63604
Bottom of Boring: A	A CONTROL OF THE PROPERTY OF T		

PROJE	ECT:			ervice /ashin	es Corporation gton	L	og of Well No. MW-129-I
BORIN	IG LO	CAT	ION:	N 156	128.5; E 1292729.6		CASING ELEVATION AND DATUM: feet (NAVD 1988)
DRILLI	ING C	ON	ΓRACT	OR:	Cascade Drilling, Inc.	DATE ST. 6/15/07	TARTED: DATE FINISHED: 6/15/07
DRILL	ING M	1ETH	HOD:	Direc	t push	16.0	DEPTH (ft.): SCREEN INTERVAL (ft.): 11 to 16
DRILL	ING E	QUI	PMEN	т: G	eoprobe 6600	DEPTH TO WATER (f	
SAMP	LING	MET	HOD:	Geo	oprobe macro-core sampler [4' x 2"]	Z. Satte	erwhite
HAMM	IER W	/EIG	HT:	NA	DROP: NA	Z. Satte	ISIBLE PROFESSIONAL: REG. NO. erwhite L.G. 256
DEPTH (feet)	ample No.		Blows/ Foot	OVM Reading	DESCRIPTION NAME (USCS): color, moist, % by wt., plast. density, strucementation, react. w/HCl, geo. inter.	ıcture,	WELL CONSTRUCTION DETAILS AND/OR
	Sal	Sal	₩ 'n	28	Surface Elevation: 29.59 feet (NAVD		DRILLING REMARKS
- 1- -					SILTY SAND with GRAVEL (SM): brown (10YR dry to moist, 45% fine to coarse sand, 40% fine to coarse subangular to subrounded gravel, 15% log plasticity fines)	Traffic Box Concrete (Basalite Mix)
2- - 3-				0	POORLY GRADED SAND with GRAVEL (SP): (10YR 4/3), moist, 55% fine to coarse sand, 40% to coarse subangular to subrounded gravel, 5% f	fine	Medium bentonite chip (PureGold) seal
4-	-		-		Geotextile fabric (black)	/	1" diameter Schedule 40 PVC casing
5-	_			0	SILTY SAND (SM): very dark gray (10YR 3/1), r 50% fine to coarse sand, 40% fines, 10% fine subrounded to rounded gravel	noist,	2" diameter borehole
-	1				POORLY GRADED SAND with SILT (SP-SM): N	ery	
6- -					dark grayish brown (10YR 3/2), moist to wet, 90 to medium sand, 10% low plasticity fines, iron-sta	/	native sand slough
7- - 8- - 9-		X	,	0	SILT (ML): gray (10YR 5/1), mottled yellowish or moist, 95% fines, 5% fine sand, low plasticity, firm	-	*OVM = ThermoEnvironmental Instruments 580B PID calibrated with 100 ppm isobutylene standard.
- 10- - 11-				0	SANDY SILT (ML): very dark gray (10YR 3/1), v 70% fines, 30% fine sand, low plasticity, very soft	et,	#2/12 filter pack sand
12- - 13-				0	POORLY GRADED SAND with SILT (SP-SM): to (10YR 2/1), wet, 90% fine sand, 10% low plasticity fines, soupy		Schedule 40 PVC pre-pack well screen with 3/4" diameter (nominal) inner screen with 1.25"
14- -	-			0			O.D. outer stainless steel screen, 0.010" slot, and #20/40 filter pack sand
15- - 16-				0	SILT (ML): very dark gray (10YR 3/1), moist, 90	%	1" diameter Schedule 40
- 17- -					fines, 10% fine sand, low plasticity, firm Bottom of boring at 16.0 feet.		PVC end cap
18-							OAKWELLV_PPACKTOC(5
					/∕∕⊆ Geomatrix		Project No. 9464.002 Page 1 of 1