# **APPENDIX J**

Sampling Field Notes

Daily Field Notes | Project Name: Dummish Minne Carles Project Number; 01-0979-C Page Date: 10/19-10/20/15 Weather: SOFF Started: 0700 Other Information: Completed: 01730

## Diary

10/19/15 - Able to complete three wells, two in Samson yad w/ high welfic monuments - Sas somewhat confirming built of SILT in MaileD, but - enly comple feet thick placed will below unit -No confining layers in Midlo or Mises 10/20/15 - Installing well Midld, no free confining unit insplice 10' screen to down to 17.5 4 Will be able to get a good "shallow" sample from this well and "deep" sample from MUSID. MWO8- fieres of day pipe (possibly) found down to 20' bys MWII - Auger wrapped up in 1" brailed able @ 2.5' down to 10' Also Found show possibly junch -MWOG - Tried to set up but realized there was second layer of commence that was not cared Approved: Signed: -logics

Daily Field Notes	Project Name: Duwannish Minim Center
Project Number: 01-0979.	L Page_1_ot_i
Date: 10/21/15	Weather: S
Started: 0700	Other Information:
Completed:	
The second s	
Diary	
12:15 p.m Re. In air	alized PID pump bot kinchioning. Not pulling
Ly Called	office and have recht PID coming
\$ 2:30 p.m.	received new MD.
*** <b></b>	
······································	
Approved:	Signed: <i>q-logics</i>

Daily Field Notes	Proj	ect Name: MMC	
Project Number: 01-0979		Page of	
Date: 10/22/15		Weather:	
Started:		Other Information:	
Completed:			
Diary			340
- MWO9- 0, Jut Roth, Water Lo	s' p Zany	rossible perched GW zone above silt significant. Would not produce suffice role , servered in sands.	.e.f
			[
	<b>-</b>		
	· ····		
	-		
Approved:		Signed:	logics

WINDOW NOT

Duranish Marine Center

	Ueil		10
	MWS	Dirt/Spells, middle of yord	cher
	MUG	Concrete lore	Clev
	MW 7	Concrete Core	cler
	MWS	Concrete Core	- A set of a set o
	MW9	thouse - Gravel	
	MUGD	Rond-Grunel	clear
	MUIO	Rond - ROW ) Asphalt Rond - ROW ) Asphalt	Moved Lo West of RR
	MWIOD	Row J - ROW J Marine	West of RR frachs, cleared
	MWII	Concrete Cores	
	MWID	> Dirt/ Spalls, middle of yord	deir
	MWIND	1 / Jud	L lew
	MU 13	Dirt/Spalls, and of Eco-block wall	clear
	MW 14	Should be Sne	cler
	MUIS	Rord	New
	MW16	Have to more Containers	der
No. of the second states of th	A		
	& Prop D	wher & Address / Row Permit	10 is Instat
-	Trains	? - Not often, vivie a month	10 vs. 20 slot
Jum	Drum	? - Not often, once a month location?	
5	Safely 1	Drientetion ? - Clint will Ask	1
V			Manders
-	A Concre	Rich buch would Friday - Shy le lores on Tuesday	

Daily Field Notes | Project Name: DMC Project Number: 01-0979-C Page \_ of Weather: Date: 12/14/15 Stimmy, 1001 Started: 0700 Other Information: Completed: A 1606 Diary - Stare Holmes and Stuart Hyste on Site Ho develop the newly installed wells - Wells being developed with a surge Hoch 2" well developer surge Hoch, as well as with a Submersible prings - Wells were developed by remaining at least 10 well-casing volumes and is attempts to elear develop antil groundwater is dees with little silt - Well development logs are completed for each well -Wells MW06, 07, 08, 09, 09D, 10, 10D, 11, 13, and and 15 vere completed to day. -Well MW14 was the only well to bail by C about 2 gallons. This well was screened above a silt/sand whit in what appeared to be "perched" groundwaler." 13 This well contained dark group, groundwaler Hust appeared to be possible product. Stron Juned oil odor. Approved: Signed: -looics

Daily Field Notes Proj	ect Name: DMC
Project Number: 01-09 79 - C	Page of
Date: 12/15/15	Weather: Claudy, Cool
Started: 0800	Other Information:
Completed: 1200	
Diary	
come in and well MDOS	the and was informed by Mr. Chart insor Try and Basge had a Juspe we would not be able to access the bo fift achothes
liquid dark	the contained "product" looking
Well cid bot	ever inf other development.
the and	
the second	
Approved:	Signed:

## Duwamish Waterway, Eighth Ave. South, 9447029 Tidal Data Daily View

Home (/) / Products (/products.html) / Tide Predictions (/tide\_predictions.html) / Duwamish Waterway, Eighth Ave. South, 9447029 Tidal Data Daily View

# Duwamish Waterway, Eighth Ave. South, WA StationId: 9447029

Referenced to Station: Seattle (9447130) Time offset in mins (high:10 low: 11) Height offset in feet (high:\* 0.97 low: \*0.95)

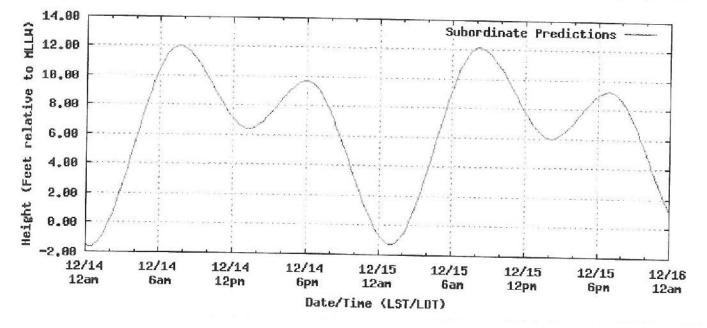
Daily Tide Prediction in Feet Time Zone: LST/LDT Datum: MLLW

(./NOAATidesFacade.jsp?Stationid=9447029&bmon=12&bday=13&byear=2015&edate=&timelength=daily) 2015/12/14 - 2015/12/15
(./NOAATidesFacade.jsp?
Stationid=9447020&bmon=12&bday=158

Stationid=9447029&bmon=12&bday=15&byear=2015&edate=&timelength=daily)

Back to Station Listing (/tide\_predictions.html)

Help (/PageHelp.html)



Disclaimers (/disclaimers.html) Contact Us (/contact.html) Privacy Policy (/privacy.html)

### Products

PORTS (/ports.html) OFS (/models.html) Tide Predictions (/tide\_predictions.html) Currents (/cdata/StationList?type=Current+Data&filter=active) More about products... (/products.html)

### Programs

Mapping and Charting Support (/mapping.html) Maritime Services (/maritime.html) COASTAL (/coastal.html) More about programs... (/programs.html)

### Partners

Hydrographic Survey Support (/hydro.html) Marsh Restoration (/marsh.html) GoMOOS (/gomoos.html) TCOON (/tcoon.html)

### Revised: 10/15/2013

NOAA (http://www.noaa.gov) / National Ocean Service (http://oceanservice.noaa.gov) Web site owner: Center for Operational Oceanographic Products and Services

Development / Funge Menost         Voil Eccent menost         Tably Infumenest           Logoa By         Kenc Depen Seturt.         Kenc Depen Seturt.           Purge Weitor.         Kenc Depen Seturt.         Eled Commants.           Purge Weitor.         Bain Dry? vis. No. Viner Optimes.         Mel Commants.           Purge Weitor.         Bain Dry? vis. No. Viner Optimes.         Mel Commants.           Purge Weitor.         Bain Dry? vis. No. Viner Optimes         Mel Commants.           Purge Vision.         Bain Dry? vis. No. Viner Optimes         Mel Commants.           Purge Vision.         Bain Dry? vis. Plan. of the plan.         Mel Commants.           Purge Vision.         Mel Commands.         Description.         Mel Commants.           Purge Vision.         Mel Commands.         Description.         Mel Commants.		Date: 13/15/15	Weather:
Water Depth Start:         Water Depth Start:         Baris Dry? Yes       No         What Volume?         ent / Purging (circle one)	evelopment / Purge Method:		Tidally infinenced?
Water Depth Finish:       Bails Dry? Yes     No       What Volume?	ogged By:	Water Depth Start:	Field Commonster
Bails Dry? Yes No What Volume?	urge Water Disposal Method:	Water Depth Finish:	
lopment / Purging (circle one)	urge Water Disposal Volume:	Yes No	ă
lopment / Purging (circle one)			Explain:
Time         Time           Water Level         Water Level           PH         P           PH         P           Conductivity         P           Temperature         P           Salinity         P           Unbidity         P           Discolved Oxygen in         P	Well Development / Purging (		i Gallons: 1" Diam = 0.041 galft; 2" Diam = 0.163 galft; 4" Diam = 0.653 galft 1" Diam 0.041 * 3 casings * 10' screen = 1.23 gallons; 2" Diam 0.163 * 3 casings * 10' screen = 4.8:
Water Level         PH         P           PH         P         P         P           Conductivity         P         P         P           Cinductivity         P         P         P         P           Cinductivity         P         P         P         P         P           Cinductivity         P         P         P         P         P         P           Cinductivity         P <td< td=""><td>Time</td><td></td><td></td></td<>	Time		
PH         PH         PH           Conductivity         Conductivity         Conductivity           Temperature         Conductivity         Conductivity           Temperature         Conductivity         Conductivity           Salinity         Conductivity         Conductivity           Color         Color         Conductivity           Dissolved Oxygen in         Conductivity         Conductivity	Water Level		
Conductivity         Conductivity           Temperature         Temperature           Temperature         Temperature           Temperature         Temperature           Salinity         Temperature           Salinity         Temperature           Color         Temperature           Dissolved Oxygen in         Temperature	Hd		
Temperature         Temperature           Salinity         Salinity           Salinity         Salinity           Urbidity         Salinity           Color         Salinity           Solicity         Salinity           Purge Volume         Salinity	Conductivity		
Salinity     Salinity       Turbidity     Turbidity       Color     Color       Color     Color       Dissolved Oxygen in     Purge Volume	Temperature		
Turbidity     Lurbidity       Colar     Colar       Colar     Colar       Dissolved Oxygen in     Colar       Purge Volume     Colar	Salinity		
Colar Dissolved Oxygen in Purge Valume	Turbidity		
Dissolved Oxygen in Purge Volume	Colar		
Purge Volume	Dissolved Oxygen in		
	Purge Volume		
	Decon Method;		ber:
Decon Method: Sample Number:	Water Level Start:	Water Level Field comme	Finish: nts:
	Filter Type:		
l Start: ethod:	-27	II due bo	ite cchinhes by Qulopics
to develop well due bounder: ho develop well due boursie chickes by	Sucon III VI VI		0

5.94 to	Source Manage     Meather:     Claring       Diam     Mater Darm Sure:     5,9,1       Diam     Mater Darm Sure:     5,9,1       Diam     Mater Darm Sure:     5,0,1       Diam     Bala Dyr? Yes, (No.)     Weat Contranes:       Diam     Diam     Claring Volumer)       Mater Darm Sure:     S,0,1       Mater Darm Sure:     Meather:       Diam     Diam       Diam	Kull Kull     Waler Dayn Start:     5,9,1       Warn     Water Doph Finish:     6,01       Para     Water Doph Finish:     6,01       Para     Baile Dry? Yes, (kg)     What Volume?       I J Para     I J Para     1,23       S, G Z     I J Para     1,23       C G Z     I J Para     1,23       C G Z     I J Para     1,23       Ormation (complete If well is sampled)     1,53	Kurl K., All Burnari, K., S. 94, Water Doph Statt:     Value Doph Statt:     S. 94, 1       Mater Doph Statt:     Water Doph Statt:     S. 94, 1       Mater Doph Statt:     Water Doph Statt:     S. 94, 1       Mater Doph Statt:     S. 94, 1     Mater Volume?       Mater Doph Statt:     S. 94, 1     Mater Volume?       Mater Doph Statt:     Mater Doph Statt:     S. 94, 1       Mater Doph Statt:     Mater Volume?     Mater Volume?       Mater Dope Statt:     Mater Volume?     Mater Volume?       Mater Dope Statt:     Mater Volume?     Mater Volume?       Mater Of Statt:     S. 94, 1     Mater Volume?       Mater Of Statt:     S. 94, 1     Mater Volume?       Mater Of Statt:     S. 94, 1     Mater Volume?	N.	01-0579-10	Date: 12/111/115	Win he					
M. M. Water Depth Start: 5,94. Mater Depth Finish: 6,01 Mater Days Yes (No) What Volume? 13.37 13.37 5,92 5,92 1.37 1.3	Miler Depth Start: 5,94: Mater Depth Start: 5,94: Mater Depth Finlan: 6,01: 19,47 Bails Dry? Yes. (No). What Volume? 13,87 5,92 5,92 0,000 1,13 5,92 5,92 1,237 1,237 5,92 1,237 1,237 5,92 1,237 1,237 1,237 5,92 1,237 1,337 1	Dr. un     Water Depth Fleath:     S. Ol.       19 pc     Baile Dry? Yes. (M.) What volume?       10.3 T     Baile Dry? Yes. (M.) What volume?       10.3 T     S. G. Y.       10.3 T     Baile Dry? Yes. (M.) What volume?       10.3 T     S. G.Y.       10.3 T     D. T.       0 C. G.     D. T.       0 Complete If well is sampled)	Minum     Water Daph Start:     S. 9.4.1       M. M. Water Daph Finan:     B. 0.1     Water Daph Finan:     B. 0.1       M. M. Wolumer     Baile Dry? Yes. (No.)     What Volumer       M. M. Wolumer     S. 9.2     Mat Volumer       M. M. Wolumer     B. 0.1     Mat Volumer       M. M. M. Mat Volumer     Baile Dry? Yes. (No.)     What Volumer       M. M. M. Mat Volumer     B. 0.1     Mat Volumer       M. M. M. Mat Volumer     B. 0.1     Mat Volumer       M. M. M. Mat Volumer     B. 0.1     Mat Volumer       M. M. M. Mat Volumer     B. 0.1     Mat Volumer       M. M. M. Mat Volumer     B. 0.1     Mat Volumer       M. M. M. Mat Volumer     B. 0.1     Mat Volumer       M. M. M. Mat Volumer     B. 0.1     Mat Volumer       M. M. M. Mat Volumer     B. 0.1     Mat Volumer       M. M		15			Weather	(act			
Pricer Lagna Sart: 5:01 - 19 gal Water Dapth Finish: 5:01 - 10 37 Purging (Sircle One) 10 37 S.92 S.92	Muuner usern user usern Sart: 5, 9,4	Dr. un     When coordinant:     5, 0, 1       19, qc/     Bails Dry? Yes. (No.)     What volume?       19, qc/     Bails Dry? Yes. (No.)     What volume?	Dr. m.     Mater Loging (circle one)       19 pc     Baik Dry? Yes (in) What Volume?       10 2 P     S.9,2       12 2 P     12 2 P       12 1 P     12 2 P       12 2 P     5,92       5,92     5,92       0 mation (complete If well is sampled)	L		1	11	Tidally Infi	3~			1
1946 Baile Dry? Yes (No) What volume? ent / Purging (circle one) 1037 5,92 5,92	1946 Baite Dry? Yes (No) What Volume? ent / Purging (circle one) 1037 5,92 5,92 Ormation (complete if woll is a such is a	19 46 Most Volume?	19 46 Mar volume?		Lar.	v v		Field Com	Tients:			1
lopment / Purging (circle one)		Welcomment / Purgling (circle one)       Welcomment / Purgling (circle one)       Mix       ILA 7       Mix       Mix </td <td>Welcoment / Purging (circle one)       Welcoment / Purging (circle one)       iel     5,9,2       ivid     1,3,2 F       ivid     1,3,4 F       ivid     1,3,4 F       ivid     1,4,5 F       ivid     1,</td> <td></td> <td>c/</td> <td>6</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	Welcoment / Purging (circle one)       Welcoment / Purging (circle one)       iel     5,9,2       ivid     1,3,2 F       ivid     1,3,4 F       ivid     1,3,4 F       ivid     1,4,5 F       ivid     1,		c/	6						
lopment / Purging, (circle one)		Velopment / Purging, (circle one)       velopment / Purging, (circle one)       (e)     1237       (b)     1237       (c)     2,92       (c) </th <th>Velopment / Purgling, (circle one)         rei       1.3.7         rei       1.3.7         hy       1.3.7</th> <th></th> <th></th> <th></th> <th>umer</th> <th>Well Condi</th> <th><math>\mathfrak{F}</math></th> <th></th> <th></th> <th>1</th>	Velopment / Purgling, (circle one)         rei       1.3.7         rei       1.3.7         hy       1.3.7				umer	Well Condi	$\mathfrak{F}$			1
Istrution S.q.P. Ben in Ben in		Image: second state     Image: second state       Image: second state     Image: second state       Start:     Start:	Ideal     Constraints       Riv     Idoa 7       Riv     Idoa 7       Norweil     Constraints       Norweil     Idoa 7       Norweil     Idoa 7       Start     Idoa 7       Ithoat     Idoa 7	Well Development / Puj	rgjng , (circle	one)	Casing Volume II Purge Volumes:	n Gallons: 1" Diam = 0.0. 1" Diam 0.041 * 3 casing:	11 galift, 2" Diam = 0.153 g s * 10' screen = 1.23 gallon	ai/H, 4" Diam = 0.853 gal/H s, 2" Diam 0.163 * 3 casings *	10' screen = 4,89 g	lious
Gen in Gen I are I		Image: second	eff     C,Q,P       by     C,Q,P       bit     C,Q,P       ice     D       <	Time	41/41/4		*	100				
Gen in		ty Ire Ire Nygen in Nygen in Diffing Information (complete if well is sampled) od: Start ethod:	by     by       bit     by       bit     by       bit     by       bit     by       by     by       by </td <td></td> <td>100</td> <td></td> <td></td> <td></td> <td></td> <td>¥</td> <td></td> <td></td>		100					¥		
Gen in		ty Ire Ire Dygen in Dygen in Dig Information (complete if well is sampled) od: Start Ethod:	Note     Note       Image: Imag		111					y' L		
Ben in		Ire Dividence in Dividence in Dividence in Dividence in Dividence if well is sampled)	Ite     Ite     Ite       Xogen in     Nogen in     Nogen in       Xogen in     Nogen in     Nogen in       Nogen in     Nogen in	Conductivity					17			
Ben in		Divigen in Division of the line of the lin	Noten in     Noten in     Noten in     Noten in     Noten in       Image: Instance of the instance	Temperature					1.			
Gen in		Divigen in Division (complete if well is sampled)	Mager in     Mager in     Mager in     Mager in     Mager in       Main     Main     Main     Main     Main       Main     Main     Main     Main       Main     Main     Main     Main       Main     Main     Main	Salinity					3			
Color Dissolved Oxygen in Purge Volume	Color Dissolved Oxygen in Purge Volume Well Sampling Information (complete if woll is a set of the line of the lin	Divigen in Division (complete if well is sampled)	Syger in     Syger in       me     me       me     me       me     me       me     me       pling Information (complete if well is sampled)       od:     Sample Number:       start     Mater Level Finish:       ethod:     Field comments:	Turbidity					*			
Dissolved Oxygen in Purge Volume	Dissolved Oxygen in Purge Volume Purge Volume Vell Sampling Information (complete if well is a set of the set	Program in the program in the program in the program is a sampled bod: Start: S	Dygen in     Dygen in       me     Image: Start start       od:     Sample Number:       Start     Valer Level Finish:       ethod:     Field comments:	Color	-				1		i.	
Purge Volume	Purge Volume Well Sampling Information (complete if well is a set of the set	ne Ipling Information (complete if well is sampled) tod: Start ethod:	Ipling Information (complete if well is sampled) od: Start Start ethod: Field comments:	Dissolved Oxygen in					-			
	Well Sampling Information (complete if well is seen to be	Ipling Information (complete if well is sampled) od: Start ethod:	pling Information (complete if well is sampled)         od:       Sample Number:         Start:       Sample Number:         Start:       Vater Level Finish:         ethod:       Field comments:	Purge Volume	-  -							
	Well Sampling Information (complete if well is some tag)	Ipling Information (complete if well is sampled) od: Start: ethod:	pling Information (complete if well is sampled)         od:       Sample Number:         Start:       Nater Level Finish:         ethod:       Field comments:									
• 57		ethod:	Field comments:	Water Level Start:			Water Level F	lai.				
		Filter Type:		Sampling Method:			Field commen	ţs:				
od: Start: Start	Start:			Filter Type:			ſ					

57

Montement Funge Mentols:     Monte Depens Senset,     73.5 / 3.5 / 3.5 / 1.5 /	Public State     Weit Gramm Intervali.     Number Compare.     Tably Inflamences     Kest       Arren Days Stat.     Weit Commiss.     7.35     Flad Commens.     Mart Comfittions.     Mart Commiss.     Mart Commiss.
Mater Depth Start: 7,35 Mater Depth Finish: 7,35 Nater Depth Finish: 7,35 IS CI Bails Dry? Yes (6) What Volume? IS CS 7,55 7,5	Muter Depth Finan:     7.3.5       IS     Water Depth Finan:     7.4.1       IS     Baile Dry? Yes     8.6.0       Milat Volume?     7.3.5       P3.55     7.3.5       P3.55     7.3.5       IS     7.3.5
ISAA Water Depth Finish: Rail Ny? Yes (6) What Volume? IS(5) 75 (6) What Volume? IS(5) 75 (6) Mist Volume? IS(5) 75 (6) Mist Volume? IS(5) 75 (6) Mist Volume?	Mode     Water Depth Finish:     Ref.       15     Bais Dry2 Yes     Ref.       15     Bais Dry2 Yes     Ref.   ent / Purging (circle one)       13     13         14     13         15     14         16         17         17         18         19         19
15 Gal Bails Dry? Yes (io) What Volume? Ent / Purging (circle one) 13(5 7,55 7,55	IS Get     Bails Dry? Yes. (i) What Volume?       ent / Purging (circle one)     13(5       13(5     7,55       7,55     7,55    <
lopment / Purging (circle one) 13(5 7,35 2,35	velopment / Purging (circle one)       rel     13(5       rel     13(5       rel     7,35       ty     7,35       the     7,35
Iopment / Purging (circle one)       13(5       7,55       7,55       9en in	Wellopment / Purging (circle one)       I3 (5       (e)     7,35       (i)     7,35       (ii)     7,35       (ii)     7,35       (ii)     7,35       (ii)     7,35       (ii)     7,35       (iii)     7,35       (iii)     7,35       (iii)     7,35       (iii)     7,35       (iiiii)     7,35       (iiiii)
den in	rei     13(5       rei     7,55       ty     7,55       ty     7,55       tree     7,55       Dxygen in     0       Dxygen in
gen in	rel     7,35       ity     7,35       ite     1,54       ite     1,54
H     -onductivity       conductivity     -onductivity       emperature	ly Ire Internation (complete if well is sampled)
onductivity     onductivity       emperature     emperature       emperature     emperature       alinity     emperature       alinity     emperature       off     emperature       alinity     emperature       alinity     emperature       off     emperature       alinity     emperature       alinity     emperature       off     emperature       alinity     emperature       off     emperature       alinity     emperature       off     <	ity Ire
emperature emperature alinity alinity for a solved Oxygen in the solved Oxygen in the solved or the solved Oxygen in the solved Oxygen	Ire Daygen in Complete if well is sampled) hod:
alinity alinity urbidity urbidity solved Oxygen in solved Oxygen in rige Volume	Dxygen in     Dxygen in       Dxygen in     Dxygen in       me     Dygen in       npling Information (complete if well is sampled)       hod:     I Start:       I Start:     I ethod:
urbidity urbidity alor and alor alor alor alor alor alor alor alor	Dxygen in me me <b>pling Information (complete if well is sampled)</b> hod: I Start: lethod:
olar ssolved Oxygen in rge Volume	Dxygen in me me npling Information (complete if well is sampled) hod: I Start: lethod:
ssolved Oxygen in rge Volume	Dxygen in me Dygen in me Dygen in me Dygen in the me Dygen is sampled if well is sampled hod:
rge Volume	me npling Information (complete if well is sampled) hod: I Start: tethod:
	npling Information (complete if well is sampled) hod: I Start: lethod:
n Mothod	lethod:
	st Type:
l Start: tethod:	

Copyright G-Logics, well development, purging, sampling log form.vsd

5.51

Rel Screen Interval:     to       Water Depth Start:     E. I''       Water Depth Finish:     B. S. S.       JSG-I     Bails Dry? Yes (No) What Volume?       SG     S. I'       Bails Dry? Yes (No) What Volume?	Row Mater Screen Interval:     to       Water Depth Start:     8:11       Water Depth Finish:     8:35       35.5-1     Bails Dry? Yes (No) What Volume?       St.1'     8:11       8:1'     8:1	Route Reven     Notes Depth State:     R // //       Marker Depth State:     R // //       Marker Depth State:     R // //       SG SI     Bails Dry Yer (No.) What Yolume?       SG SI     Bails Dry Yer (No.) What Yolume?       SG SI     Bails Dry Yer (No.) What Yolume?         SG SI     Bails Dry Yer (No.) What Yolume?         SG SI     Bails Dry Yer (No.) What Yolume?         SG SI     Bails Dry Yer (No.) What Yolume?         SG SI     Bails Dry Yer (No.) What Yolume?         SG SI     Bails Dry Yer (No.) What Yolume?         SG SI     Bails Dry Yer (No.) What Yolume?         SG SI     Bails Dry Yer (No.) What Yolume?         SG SI     Bails Dry Yer (No.) What Yolume?         SG SI     Bails Dry Yer (No.) What Yolume?         SG SI     Bails Dry Yer (No.) What Yolume?         SG I     Carafing Yolume?         SG I     SG I         SG I     SG I <th>6X</th> <th></th> <th>Weather: S</th>	6X		Weather: S
Water Depth Start:     %:       Umature     Water Depth Finish:     8:       35.5-1     Bails Dry? Yes     (ho) What Volume?       Still     Bails Dry? Yes     (ho) What Volume?	Water Depth Start:     S. II       Water Depth Finish:     Ø. S. S.       35 5-1     Bails Dry? Yes (No) What Volume?       Purging (circle one)     8.1       8.1     8.1	Water Depth Start:     S. [1]       Water Depth Finish:     B. S.       35     Bails Dry? Yes. (ko.) What Volume?         Bills Dry?         Bills Dry? <th></th> <th>VSC Well Screen Interval:</th> <th>Allowed and</th>		VSC Well Screen Interval:	Allowed and
Unum 35 5-1 Water Depth Finish: 8.3) 35 5-1 Bails Dry? Yes (No) What Volume? Bails Dry? Yes (No) What Volume? 8.1 8.1 8.1	Umunity 35 5-1 Bails Dry? Yes (No) What Volume? Bails Dry? Yes (No) What Volume? 8 17 8.17 8.17 1.10	Write     Water Dupth Finish:     A.S. (S)       35 A-1     Bails Dry? Yes (No) What Volume?       Pint / Purging (circle one)       8:1       8:1       8:1       8:1       8:1       8:1       8:1       8:1       8:1       8:1       8:1       8:1       8:1       8:1       8:1       9:1       8:1       9:1       8:1       9:1       8:1       9:1       8:1       9:1       9:1       9:1       9:1       9:1       9:1       9:1       9:1       9:1       8:1       9:1       9:1       9:1       9:1       9:1       9:1       9:1       9:1       9:1       9:1       9:1       9:1       9:1       9:1       9:1       9:1       9:1       9:1       9:1       10:1       10:1		Elli	index intraced?
25.5-1 Bails Dry? Yea (No) What Volume? Bails Dry? Yea (No) What Volume? (S. 1' E. 1' E. 1'	75 5-1 Bails Dry? Yea (No) What Volume? Bit / Purging (circle one) (500 8, 1' 8, 1'	35.4-1     Bails Dry? Yes (No.) What Volume?       ent / Purging (circle one)     500       8.1     8.1       8.1     1       8.1     1       6.1     1       1     1 <td></td> <td>Water Depth Finish:</td> <td>Field Comments:</td>		Water Depth Finish:	Field Comments:
lopment / Purging (circle one) Koo 8.1' 8.1' Ben in	Iopment / Purging (circle one)       K200       K200       K11       K11       K11       Indiana			Bails Dry?	8
lopment / Purging (circle one) KOC 8, 1' 8, 1' 1, 1'	lopment / Purging (circle one) KoO K.I' Ban in gen in				С
		Time       K OO       K       Nature Level       Nature Level	Well Development / Purgin		n Gallons: 1" Diam = 0.041 ga/fft, 2" Diam = 0.163 galfft, 4" Diam = 0.663 gal/ft 1" Diam 0.041 * 3 casings * 10' screen = 1.23 gallons, 2" Diam 0.163 * 3 casings * 10' screen = 4.8
کرہ Ben in Ben in	ψδ 	Water Level         %, 1             PH			
PH         Conductivity         Conductivity           Conductivity         Emperature         Emperature           Temperature         Emperature         Emperature           Salinity         Emperature         Emperature           Salinity         Emperature         Emperature           Salinity         Emperature         Emperature           Salinity         Emperature         Emperature           Sulficity         Emperature         Emperature           Discolved Oxygen in         Emperature         Emperature	PH         PH           Conductivity         Conductivity           Temperature         PH           Salinity         PH           Vurbidity         PH           Color         PH           Discolved Oxygen in         PH	pH     PH     PH       Conductivity     Conductivity     PH       Temperature     PH     PH       Temperature     PH     PH       Selinity     PH     PH       Unbiality     PH     PH       Color     PH     PH       Discolved Oxygen in     PH     PH       Purge Volume     PH     PH	võ		
Conductivity     Conductivity       Temperature     Important       Temperature     Important       Salinity     Important       Color     Important       Dissolved Oxygen in     Important	Conductivity     Conductivity       Temperature     Important       Salinity     Important       Salinity     Important       Color     Important       Color     Important       Dissolved Oxygen in     Important       Purge Volume     Important	Conductivity     Conductivity       Temperature     Importance       Salinity     Importance       Salinity     Importance       Color     Importance       Dissolved Oxygen in     Importance       Purge Volume     Importance	Ha		
Temperature       Salinity       Salinity       Urbidity       Turbidity       Color       Dissolved Oxygen in       Purge Volume	Temperature       Salinity       Salinity       Turbidity       Turbidity       Color       Color       Dissolved Oxygen in       Purge Volume	Temperature     Temperature       Salinity     Salinity       Subidity     Salinity       Turbidity     Salinity       Turbidity     Salinity       Disolved Oxygen in     Salinity       Puge Volume     Salinity	Conductivity		
Salinity     Iurbidity       Turbidity     Iurbidity       Color     Iurbidity       Color     Iurbidity       Dissolved Oxygen in     Iurbidity       Purge Volume     Iurbidity	Salinity     Lubidity       Turbidity     Image: Color       Color     Image: Color       Dissolved Oxygen in     Image: Color       Purge Volume     Image: Color	Salinity     Color     Color       Turbidity     Color     Color       Color     Color     Color       Dissolved Oxygen in     Color     Color       Durge Volume     Color     Color	Temperature		
Turbidity       Color       Color       Dissolved Oxygen in       Purge Volume	Turbidity       Color       Color       Dissolved Oxygen in       Purge Valume	Turbidity     Turbidity       Color     Image: Color       Color     Image: Color       Dissolved Oxygen in     Image: Color       Purge Volume     Image: Color       Purge Volume     Image: Color	Salinity		
Color Dissolved Oxygen in Purge Volume	Calar Dissolved Oxygen in Purge Valume	Color Dissolved Oxygen in Purge Volume Well Sampling Information (complete if well is sampled)	Turbidity		
Dissolved Oxygen in Purge Volume	Dissolved Oxygen in Purge Valume	Dissolved Oxygen in Purge Volume Well Sampling Information (complete if well is sampled)	Color		
Purge Volume	Purge Volume	Purge Volume Well Sampling Information (complete if well is sampled)	Dissolved Oxygen in		
		Well Sampling Information (complete if well is sampled)	Purge Volume		
g Information (complete if well is sampled)			Water Level Start: Sampling Method:	Vater Level Field comme	Finish:
Well Sampling Information (complete if well is sampled)         Decon Method:       Sample Number:         Water Level Start:       Water Level Finish:         Sampling Method:       Field comments:			Filter Type:		

S ~ 10 gics, well development, purging, sampling log form.ysd

tt / Purge 1	a start of the second	
X1802536	2	Weather:
	Well Screen Interval:	Tidally Influenced? Ve S
	Water Depth Start: @ 7.68	Field Comments:
ruge water Disposal Method:	Water Depth Finish: 6.84	
Purge Water Disposal Volume: 7 5 c. 1	Bails Dry? Yes (No) What Volume?	Well Conditions: OK Not DK
		)
Well Development / Purging, (circle one)		Casing Volume in Gallons: 1" Diam = 0.041 gal/ft, 2" Diam = 0.163 gal/ft, 4" Diam = 0.653 gal/ft Purge Volumes: 1" Diam 0.041 * 3 casings * 10" screen = 1.23 gallons, 2" Diam 0.163 * 3 casings * 10" screen = 4.89 gallons
Time 0530		
Water Level 7, 68'		
Conductivity		
Temperature		
Salinity		
Turbidity		
Color		
Dissolved Oxygen in		
Purge Volume		
Well Sampling Information (complete if well is sampled)	lete if well is sampled)	
Decon Method:	Sample Number.	nber.
Water Level Start: Sampling Method:	Vater Level Finish: Field comments:	Finish:ents.
Filter Type:		
		g=logics
		Copyright C-I anise well development.
		cryster o cogice, will use international and ing log form, yed

.

Development / Purge Method:     Could Streen Intervel:     to       Logged By:     Style     Weter Depth Start:     6:55     Tidelly intervel:       Purge Water Disposal Method:     Duty     Weter Depth Start:     6:55     Field Com       Purge Water Disposal Method:     Duty     Weter Depth Start:     6:57     Field Com       Purge Water Disposal Method:     Duty     Weter Depth Start:     6:57     Meth Cond       Purge Water Disposal Volume:     ZO     Bails Dry? Yes (Ng) What Volume?     Weth Cond       Purge Water Disposal Volume:     ZO     Galo     Weth Cond       Purge Water Disposal Volume:     ZO     Galo     Explain:       Purge Water Disposal Volume:     ZO     Galo     Explain:       Purge Water Level     6:54     Disposal     Conductivity       Ph     Conductivity     Conductivity     Conductivity	Tidaily influenced?     Y < S       Field Comments:     Y < S       Well Conditions:     ON       Not OK     Explain:       Casing Volume in Callons: 1" Diam = 0.653 calline
Direct Mater Depth Start: 6.59 Direct Mater Depth Finish: 7.10 30 Gel Bais Dry? Yes (No) What Volume? 1013 1013 6.59 6.59	idelly influenced? TCS ield Comments: Vell Conditions: ON Not OK Xplain: Xplain: D.041 galM, 2" Diam = 0.153 galM, 4" Diam = 0.653 calM
Direction Matter Depth Finish: 7, 10 30 Gel Bails Dry? Yes (No) What Volume? 12 Artyg. (Sircle One) 1015 6.59 6.59	ield Comments: Vell Conditions: ON Not OK Xplain: Xplain: D.041 galft, 2" Diam = 0.153 galft, 4" Diam = 0.653 calfte
30 GG I Bais Dry? Yes (No) What Volume? Purging (circle one) 1013 6.59 6.59	Vell Conditions: ON Not OK Xplain: Nam = 0.041 galM, 2" Diam = 0.153 galM, 4" Diam = 0.653 calM
ell Development / Purging (circle one) la 1013 ter Level 6.59 ductivity perature	Xplain: Diam = 0.041 gaith, 2" Diam = 0.153 gaith, 4" Diam = 0.653 caith
ell Development / Purging, (circle one) le /0/5 ter Level 6.59 ductivity for a for	)iam = 0.041 gal/ft, 2" Diam = 0.153 gal/ft, 4" Diam = 0.653 nal/ft
Time     / O/3       Water Level     6.59       PH     Conductivity       Conductivity     Temperature	3 casings * 10'screen = 1.23 gallons, 2" Diam 0.163 * 3 casings * 10'screen = 4.89 g
ter Level ductivity perature	
iductivity perature	
Conductivity Temperature	
Temperature	
Salinity	
Turbidity	
Colar	
Dissolved Oxygen in	
Purge Volume	

S ~ OBICS Copyright G-Logics, well development, purging, sampling log form.vsd

W. Y. K. Y. Constitution:     Number of State     Number of State     Number of State       P. W. M. Constant     Value channels:     LG     Identification:       P. M. Constant     Mater channels:     LG     Mater channels:       P. M. Constant     Mater channels:     LG     Mater channels:       P. M. Constant     Mater channels:     LG     Mater channels:       P. M. Constant     Bails by Yaa     Nont Volume*     Mater channels:       P. M. Constant     Bails by Yaa     Mater channels:     Mater channels:       P. M. Constant     Bails by Yaa     Mater channels:     Paranels:       P. M. Constant     Cannels:     Cannels:     Cannels:       P. M. Complete if well is sampled)     Sample Number:     Sample Number:       P. Mater Level Finish:     Field comments:     Field comments:	Weil Screen Interval:     In       Prunt     Weiter Depth Start:     6.63       Prunt     Water Depth Start:     6.63       Prunt     Baile Dry Yee     No.       If Suff     Baile Dry Yee     No.       If Suff     Baile Dry Yee     No.       If Suff     Baile Dry Yee     No.	Weather:       Tidally Influenced?     V.C.S       Field Comments:     Field Comments:       Weil Conditions:     OK       Not OK     Explain:       Explain:     Cashigs * 10       Urge Volumes:     1* Diam 0.041 * 3 cashigs * 10       Urge Volumes:     1* Diam 0.041 * 3 cashigs * 10
Priver     Water Open State:     6.63       Druct     Water Open State:     6.63       Druct     Water Open Finish:     Lift       II3 4     Bails Dryr Yes (No) What Volumer       II3 4     Bails Dryr Yes (No) What Volumer       II3 4     Bails Dryr Yes (No)       Of Good State:     6.63       II3 4     Bails Dryr Yes (No)	Prunt     Water Depth Start:     6.6 3       Prunt     Water Depth Start:     6.6 3       Prunt     Bails Dryn Yes (No) What Volumer       113 4     Bails Dryn Yes (No) What Volumer       6.6 3     6.6 3       6.6 3     6.6 3       6.6 3     6.6 3       6.6 4     6.6 3	Tidally Influenced?     Y.C.S       Field Comments:     Field Comments:       Field Comments:     Not OK       Baily Under State     Well Conditions:       Saing Volume in Gallons: 1" Diam = 0.163 galift, 4" Diam = 0.163 '3 casings '10' screen = 1.23 gallons, 7" Diam = 0.163 '3 casings '10' screen = 1.23 gallons, 7" Diam = 0.163 '3 casings '10'
Drun     Water Oregin Statt     Cut Stat       IF Gal     Water Oreging     Vater Oreging       ent / Purging     (circle one)       IIS V     Bails Dryr Vas     (no)       Nhat Volumer       IS V     Bails Dryr Vas     (no)       IS V     Circle One)     (no)	Drum     Water Depth Start:     G.6.5       IP     Fac I     Bails Dry? Yes (No) What Volume?       IP     Bails Dry? Yes (No) What Volume?	Field Comments:       Weil Conditions:       OK         Weil Conditions:       OK       Explain:         Explain:       Explain:       Explain:         asing Volume:       1" Diam = 0.41 galft, 2" Diam = 0.163 galft, 4" Diam = 0.163 * 3 casings * 10         urge Volumes:       1" Diam 0.041 * 3 casings * 10" screen = 1.23 gallons, 2" Diam = 0.163 * 3 casings * 10
IP     Water Depth Finiel.     I.U.S.       Bails Dryr Yes (No) What Volumer     What Volumer       IIS U     IIS U       IIS U     I.S.       IIS Sampled if well is sampled	Water Depth Finish:     Life       IF GAI     Bails Dry? Yes (No) What Volume?       ent / Purging (circle one)       113 4       6.63       6.63       formation (complete if well is sampled)	Weil Conditions: (OK) Not OK Explain: Baing Volumes: 1" Diam = 0.44 gaint, 2" Diam = 0.653 gaint urge Volumes: 1" Diam 0.041 * 3 casings * 10' screen = 1.23 gailons, 2" Diam 0.163 * 3 casings * 10
Price     Balle Dryr Yes     Volume       ent / Purging (circle one)     (13 4)       113 4     (2.63       6.63     6.63       for ation (complete if well is sampled)	Fight     Bails Dry? Yes (No) What Volume?       ent / Purging (circle one)     115 4       115 4     6.63       6.63     6.63       formation (complete if well is sampled)	Weil Conditions: OK Not OK Explain: asing Volume in Galtons: 1" Diam = 0.41 galff, 2" Diam = 0.163 galfft urge Volumes: 1" Diam 0.041 * 3 casings * 10 screen = 1.23 gallons, 2" Diam 0.163 * 3 casings * 10
Velopment / Purging (circle one)       ei     115 4       it 5 4       v		Explain: asing Volumes: 1" Diam = 0.041 galft, 2" Diam = 0.163 galff, 4" Diam = 0.663 galff urge Volumes: 1" Diam 0.041 * 3 casings * 10" screen = 1.23 gallons, 7" Diam 0.163 * 3 casings * 10 1.23 gallons, 7" Diam 0.163 * 3 casings * 10" screen = 1.23 gallons, 7" Diam = 0.163 * 3 casings * 10" screen = 1.23 gallons, 7" Diam = 0.163 * 3 casings * 10" screen = 1.23 gallons, 7" Diam = 0.163 * 3 casings * 10" screen = 1.23 gallons, 7" Diam = 0.163 * 3 casings * 10" screen = 1.23 gallons, 7" Diam = 0.163 * 3 casings * 10" screen = 1.23 gallons, 7" Diam = 0.163 * 3 casings * 10" screen = 1.23 gallons, 7" Diam = 0.163 * 3 casings * 10" screen = 1.23 gallons, 7" Diam = 0.163 * 3 casings * 10" screen = 1.23 gallons, 7" Screen = 1.23 gallons, 7" Diam = 0.163 * 3 casings * 10" screen = 1.23 gallons, 7" Diam = 0.163 * 3 casings * 10" screen = 1.23 gallons, 7" Diam = 0.163 * 3 casings * 10" screen = 1.23 gallons, 7" Diam = 0.163 * 3 casings * 10" screen = 1.23 gallons, 7" Diam = 0.163 * 3 casings * 10" screen = 1.23 gallons, 7" Diam = 0.163 * 3 casings * 10" screen = 1.23 gallons, 7" Diam = 0.163 * 3 casings * 10" screen = 1.23 gallons, 7" Diam = 0.163 * 3 casings * 10" screen = 1.23 gallons, 7" Diam = 0.163 * 10" screen = 1.23 gallons, 7" Diam = 0.163 * 10" screen = 1.23 gallons, 7" Diam = 0.163 * 10" screen = 1.23 gallons * 10" screen = 1.23 scre
velopment / Purging (circle one)         ei       1/3 Ч         i       1/3 Ч         velopment / Purging (circle one)         i       1/3 Ч         velopment / Purging (circle one)         velopment / Purging (circle one) </td <td></td> <td>asing Volume in Gallens: 1" Diam = 0.041 galft, 2" Diam = 0.163 galft, 4" Diam = 0.663 galft urge Volumes: 1" Diam 0.041 * 3 casings * 10" screen = 1.23 gallona, 2" Diam 0.163 * 3 casings * 10</td>		asing Volume in Gallens: 1" Diam = 0.041 galft, 2" Diam = 0.163 galft, 4" Diam = 0.663 galft urge Volumes: 1" Diam 0.041 * 3 casings * 10" screen = 1.23 gallona, 2" Diam 0.163 * 3 casings * 10
ei     1134       ti     1134       ti     6.63       ti     6.63       ti     0       titout     1		
ef       (1.57)         in       (1.63)         in       (1.64)         in	Water Level     C.63       PH     C.63       PH     Conductivity       Conductivity     C.63       Temperature     C.63       Salinity     Turbidity       Turbidity     Color       Color     Dissolved Oxygen in       Purge Volume     Purge Volume	
etc       6.63       1       1       1         in       in       1       1       1       1         in       in       1       1       1       1       1         in       in       1       1       1       1       1       1         in       in       1 <td>Water Level     C.6.5       PH     Conductivity       Conductivity     Emperature       Temperature     Conductivity       Salinity     Lurbidity       Color     Color       Dissolved Oxygen in     Purge Volume       Purge Volume     Nell Sampling Information (complete if well is sampled)</td> <td></td>	Water Level     C.6.5       PH     Conductivity       Conductivity     Emperature       Temperature     Conductivity       Salinity     Lurbidity       Color     Color       Dissolved Oxygen in     Purge Volume       Purge Volume     Nell Sampling Information (complete if well is sampled)	
W     N     N     N       Image: Section of the section of t	pH       Conductivity       Temperature       Salinity       Turbidity       Urbidity       Color       Color       Dissolved Oxygen in       Purge Volume   Well Sampling Information (complete if well is sampled)	
V       Image: State of the st	Conductivity     Conductivity       Temperature     Temperature       Salinity     Salinity       Turbidity     Color       Color     Dissolved Oxygen in       Purge Volume     Purge Volume	
ie     ie     ie       Xygen in     me     ie       Nygen in     me       Diffig Information (complete if well is sampled)       Sant       Sant       Start       Held comments	Temperature       Salinity       Salinity       Turbidity       Turbidity       Color       Color       Color       Dissolved Oxygen in       Purge Volume       Purge Volume	
Nygen in       Main	Salinity Turbidity Color Color Dissolved Oxygen in Purge Volume Well Sampling Information (complete if well is sampled)	
Dygen in     Dygen in       Dygen in     Dygen in       Digital information (complete if well is sampled)       Sample Mumber:       Od:       Start:       Intot	Color     Color       Dissolved Oxygen in     Purge Volume       Purge Volume     Nell Sampling Information (complete if well is sampled)	
Xygen in     Nygen in       Dygen in     Difficult       Difficult     Difficult       me     Sample d)       od     Sample Mumber.       Start     Value Level Finish.       thood:     Difficult	Turbidity     Lurbidity       Color     Color       Color     Dissolved Oxygen in       Purge Volume     Number of the state of the s	
Xygen In       Nygen In         Diagen in       Diagen in         The       Diagen in         The       Diagen in         The       Diagen in         The       Diagen in         Diagen in       Sample Vimber.         Sample Number.       Water Level Finish:         Start:       Teled comments	Color Dissolved Oxygen in Purge Volume Well Sampling Information (complete if well is sampled)	
Xygen in     Xygen in       Tree     Tree       Tree     Sample d)       Oct     Sample Number:       Start     Water Level Finish:       Field comments:     Field comments:	Dissolved Oxygen in Purge Volume Well Sampling Information (complete if well is sampled)	
ne pling Information (complete if well is sampled) od:	Purge Volume Well Sampling Information (complete if well is sampled)	
Ite Pling Information (complete if well is sampled) od: Sample Number; Start: Water Level Finish: Field comments:	Purge Volume Well Sampling Information (complete if well is sampled)	
pling Information (complete if well is sampled)         od:       Sample Number.         Start:       Water Level Finish.         ethod:       Field comments:	Well Sampling Information (complete if well is sampled)	
od: Start: Sampled Sampled Sample Number: Start: Mater Level Finish: Field comments: Field comments: And Start: Field comments Start	complete if well is sampled)	
Start: Start: Start: Barble Number: Sample Number: Comments: Hield comments: Field comments: Start:		
ethod:		
Fleid comments:		
		leid comments:
	Filter Type:	
		à
		20.00 C

	5	- 0979- C	Date: 12/14/15	Weather:
Mr.     Water Depth Start.     J. J.       Druum     Water Depth Finish:     7.43       30 gal     Bails Dry? Yes (No) What Volume?       II 35     II 35       II 35     7.33	Development / Purge Method:	Swer Buge		D
Druwn     Water Depth Finish:     7, 4/3       30,4,cl     Balis Dry? Yes (No) What Volume?       II 35       P1 23	12	· · · · · · · · · · · · · · · · · · ·	10.2	
30 4 4 Mait Volume? Yes (No) What Volume?	Purge Water Disposal Method:	Drum	7,4	Field Comments:
lopment / Purging (circle one) // 35 7. 28 gen in gen in	Purge Water Disposal Volume:	30401	Yes (No)	6
Iopment / Purging (circle one)       I/35       Z·23       Priba       Priba       gen in				5)
135 7.3 gen in gen in	Well Developmen	it / Purging (circl		ons: 1" Diam = 0.041 gal/ft, 2" Diam = 0.163 gal/ft, 4" Diam = 0.653 gal/ft am 0.041 * 3 casings * 10° screen = 1.23 gallons, 2" Diam 0.163 * 3 casings * 10° screen = 4,89 gall
Gen in Market and Market	Time	1135		
	Water Level	7.28		
Gen in	Hd			
Gen in	Conductivity			
Gen in	Temperature			
	Salinity			
Color Dissolved Oxygen in Purge Volume	Turbidity			
Dissolved Oxygen in Purge Volume	Color			
Purge Volume	Dissolved Oxygen in			
	Purge Volume	3		
			×	
	Decon Method:		Sample Number:	
	Water Level Start: Sampling Method:		Water Level Finish Field comments:	
	Filter Type:			
Start: Start: ethod:				g~logics
Iod:     Sample Number:       Start:     Water Level Finish:       Ethod:     Field comments:				

nbe	Project Name: DML	
2	Date: 12/14/15	Westker
Development / Purge Method: 51245 5132.6	-	
1		Tridally Influenced? $\gamma \in S$
Purge Water Disposal Method:		Field Comments:
	Ë	
	Bails Dry? Yes No What Volume?	Well Conditions: (OK) Not OK
Well Development / Purging (circle one)		Casing Volume in Gallons; 1" Diam = 0,041 gal/ft, 2" Deam = 0.163 gal/ft, 4" Diam = 0.653 gal/ft Purge Volumes: 1" Diam 0.041 * 3 casings * 10' screen = 1.23 gallons, 2" Diam 0.163 * 3 casings * 10' screen = 4.69 gallons
Time 134<		
Water Level 8.0		
Hd		
Conductivity		
Temperature		
Salinity		
Turbidity		
Color		
Dissolved Oxygen in		
Purge Volume		
Well Sampling Information (complete if well is a second	jë undi in anti n	
Decon Method:		
Water Level Start:	Sample Number:	
Sampling Method:	Water Level Finish: Field comments:	
Filter Type.		
		/ -
		8 "10gics
	30 J	Copyright G-Lagics, well development, purging, sampling log form,vsd

Orendoment / Imge wentod:         Sector Image is an intervation of the start         Vertex intervation         Tele is intervatisithered is intervation         Televation<	Such Studie     Well Screen Interval:       Such     Water Depth Finish:     7,53'       Nuture     Water Depth Finish:     5,01       DOgal     Bails Dry? Yes (No) What Volume       PSU     Bails Dry? Yes (No) What Volume       TAGE     Dogal	minenced? Yes S mments: ditions: OK Nat OK .041 galft, 2" Diam = 0.163 g
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	Field Comments:     Field Comments:       Field Comments:     OK       Well Conditions:     OK       Explain:     Explain:       Casing Volume in Galons: 1" Diam = 0.041 gaifft, 2" Diam = 0.653 gai/ft       Purge Volumes: 1" Diam = 0.041 * 3 casings * 10" screen = 1.23 gail/ons, 2" Diam = 0.653 gai/ft
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	Dogal Water Depth Finish: 20gal Balls Dryz Yes (No) ent / Purging (circle one) 7,55'	Field Comments:         Well Conditions:       ÓK         Well Conditions:       ÓK         Vell Conditions:       ÓK         Explain:       Casing Volume in Gallons:         Purge Volumes:       1" Diam = 0.653 gal/ft, 2" Diam = 0.153 gal/ft, 4" Diam = 0.653 gal/ft
20 qu ( Balls Dry? Yes (No) What Volume? ent / Purging (circle one) 25 Sci ( ) 7,5 Sci ( )	20 qu ( Bails Dry? Yes (No) ent / Purging (circle one) 26 5 4 7,55	Vell Conditions: OK Nut OK Explain: Casing Volume in Gallons: 1" Diam = 0.041 galfft, 2" Diam = 0.653 galfft Purge Volumes: 1" Diam 0.041 * 3 casings * 10" screen = 1.23 gallons, 2" Diam 0.163 * 3 casings * 10" scree
ent / Purging (circle one) 0 8 5 4 7,5 5	elopment / Purging (circle one) 0854 7,55'	Explain: Explain: Casing Volumes: 1" Diam = 0.041 gal/ft, 2" Diam = 0.153 gal/ft, 4" Diam = 0.653 gal/ft Purge Volumes: 1" Diam 0.041 * 3 casings * 10" screen = 1.23 gallons, 2" Diam 0.153 * 3 casings * 10" scree
ent / Purging (circle one) の 8 5 4 ア, 5 5 ' ア, 5 5 '	Well Development / Purging (circle one)         Time       のあらい         Vater Level       ア, 53 '         PH       Conductivity	Casing Volume in Galtons: 1" Diam = 0.041 gai/ft, 2" Diam = 0.153 gai/ft, 4" Diam = 0.653 gai/ft Purge Volumes: 1" Diam 0.041 * 3 casings * 10" screen = 1.23 gailons, 2" Diam 0.153 * 3 casings * 10" scree
┝┽╎┿┼┾┽╎┽┤		
┢╎┾┼┾┽╎┽┥		
┝╼┼┾┽╎┽╽		
Conductivity       Temperature       Temperature       Salinity       Urbidity       Color       Oolor       Dissofved Oxygen in	Conductivity	
Temperature       Salinity       Salinity       Color       Color       Dissolved Oxygen in		
Salinity Turbidity Color Dissolved Oxygen in	Temperature	
Turbidity Color Color Dissolved Oxygen in	Salinity	
Color Dissolved Oxygen in	Turbidity	
Dissolved Oxygen in	Color	
	Dissolved Oxygen in	
Purge Volume	Purge Volume	

.

Copyright G-Logics, well development, purging, sampling log form.vsd

< 362,4 > 500, < -100, <

Development / Purge Wethod:         デスル/ ディック         Well Screen Intervet:         No         Tidably influenced           Looged Br:         ディリ         Water Disposal Method:         アイロー         Parter Disposal Volume?         Parted           Purge Water Disposal Volume:         アイロー         Water Disposal Volume?         Weil Conditions:         アイロー           Purge Water Disposal Volume:         アイロー         Bails Dry? Yes         Monat Volume?         Weil Conditions:           Purge Water Disposal Volume:         アイロー         Bails Dry? Yes         Monat Volume?         Weil Conditions:           Purge Water Disposal Volume:         アイロー         Bails Dry? Yes         Monat Volume?         Weil Conditions:           Purge Water Disposal Volume:         アイロー         Bails Dry? Yes         Monat Volume?         Meth Conditions:           Purge Water Disposal Volume:         アイロー         Purge Volume?         Meth Conditions:         Explain:           Meter Level         アイリー         Purge Volume?         Purge Volume?         Diam Dool ?         Explain:           Valeter Level         ア・リー         Purge Volume?         Purge Volume?         Diam Dool ?         Diam Dool	Tidally influenced?     Yes       Field Comments:       Well Conditions:       Explain:
Wrutur Water Depth Start: P. Y. Water Depth Finish: P., F. To Gal Bails Dry? Yes NO What Volume? P. Y. U. P. Y. W. P. Y. W. P. Y. W. P. Y. W. P. Y. S. NO What Volume?	Field Comments: Well Conditions: $\left. \underbrace{OK}$ Not CK Explain:
Vinuer 30 9 a 1 Water Depth Finish: 7, 58 30 9 a 1 Bails Dry? Yes NO What Volumer ent / Purging (circle one) 7.4 [ 7.4 ] [	Well Conditions: $\overrightarrow{DK}$ Not OK Explain:
30 9 al Bails Dry? Yes No What Volume? ent / Purging (circle one) 27 y l <sup>1</sup> 7. y l <sup>1</sup>	Well Conditions: DK Not CK Explain:
ent / Purging (circle one) 0710 7.411	Explain:
ent / Purging (circle one) $OflooP.H^{1}$	
	cessing volume in Callons. 1" Diam = 0.041 galfft, 2" Diam = 0.163 gal/ft, 4" Diam = 0.653 gal/ft Purge Volumes: 1" Diam 0.041 * 3 casings * 10' screen = 1.23 gallons, 2" Diam 0.163 * 3 casings * 10' screen = 4.69 gallons
PH Conductivity Temperature Salinity Turbidity Color Dissolved Oxygen in	
Conductivity     Conductivity       Temperature     Temperature       Temperature     Temperature       Salinity     Turbidity       Turbidity     Color       Dissolved Oxygen in     Dissolved Oxygen in	
Temperature       Salinity       Salinity       Urbidity       Color       Dissolved Oxygen in	
Salinity Salinity Turbidity Color Color Dissolved Oxygen in	
Turbidity Color Dissolved Oxygen in	
Color Color Dissolved Oxygen in	
Dissolved Oxygen in	
Purge Volume	

SLOUG LAG     Well Screen Intervai     Io       Mater Depti Start:     K.G.H.*     Water Depti Finish:     G.G.G.       K     S.S.G.I     Bails Dry Yee     No. What Volumer       F     S.G.I     Bails Dry Yee     No. What Volumer       K     S.G.I     Bails Dry Yee     No. What Volumer		11 1	12/12/151 man	Weather
Mater Depth Start:     X.G.H.*       Mater Depth Finish:     9, 5.1       S. 5.4.1     Bails Dry? Yes (No) What Volumer       IHO     1400       R. 6.1     S. 6.1	- 1	Swand (Suga		ľ
Mater Depth Finish:     9, 51       S 54     Bails Dry? Yes     No) What Volume?       Purging (circle one)     1400       R.641     S.641	Logged By: SH		5.64.	
Solution     Bails Dry?     Yes     No     What Volume?       Purging (circle one)     Itdo0     Itdo0     Solution       Solution     Solution     Solution     Solution		pau	9.5	Field Comments:
lopment / Purging (circle one) אלטט ג. גען' צ. גען' שפה in	Purge Water Disposal Volume:		9	6
Iopment / Purging (circle one)       1400       8.6μl'       8.6μl'       9en in		,		NIC) :suonin
i.	Well Development	/ Purging (circ)		sing Volume in Gallens: 1" Diam = 0.041 gal/rt, 2" Diam = 0.163 gal/rt, 4" Diam = 0.653 gal/rt rge Volumes: 1" Diam 0.041 * 3 casings * 10' screen = 1.23 gallons, 2" Diam 0.163 * 3 casings * 10' screen = 4.68 g
i.	Time	1400		
i.	Water Level	8.641'		
Conductivity         Conductivity           Temperature         Image: Conductivity           Temperature         Image: Conductivity           Salinity         Image: Conductivity           Turbidity         Image: Conductivity           Turbidity         Image: Conductivity           Dissolved Oxygen in         Image: Conductivity           Purge Volume         Image: Conductivity	Hd			
Temperature       Salinity       Salinity       Urbidity       Urbidity       Color       Dissolved Oxygen in       Purge Volume	Conductivity			
Salinity     Lubidity       Turbidity     1       Color     1       Color     1       Dissolved Oxygen in     1       Purge Volume     1	Temperature			
Turbidity       Color       Color       Dissolved Oxygen in       Purge Volume	Salinity			
Color Dissolved Oxygen in Purge Volume	Turbidity			
Dissolved Oxygen in Purge Volume	Color			
Purge Volume	Dissolved Oxygen in			
	Purge Volume	-		
	Water Level Start: Sampling Method:			ample Number. aler Level Finish: eld comments:
Water Level Start: Cample Number: Water Level Finish: Water Level Finish: Field comments: Field comments:	Filter Type:			

S ~1081CS Copyright G-Logics, well development, purging, sampling log form,ved

Neter Depth Stare: 4,1) <sup>1</sup> Meter Depth Stare: 4,1) <sup>1</sup> Sept 1 Balts Dry (Yest No What Volumer ) I did D A.D. Mat Volumer ) I did D A.D. Mat Volumer )	Dock Face     Wate count narrows     Wate count narrows     Wate count narrows       Druin     Annow     Annow     Annow     Annow       Druin     Annow     Annow     Annow     Annow       Druin     Mate count narrow     Annow     Annow     Annow       Druin     Mate count narrow     Annow     Annow     Annow       Annow     Expanse     Mate count narrow     Annow     Annow       Annow     Expanse     Annow     Annow     Annow       Annow     Annow     Annow     Annow     Annow	JIS	Date: 12/14/15	Weather:
Druw Water Depth Start: 9.10' Sept. J. 10' Mater Depth Finish: 9.0, What volume? J. 10' A.	Durw     Weter Ought Start:     A. D.       Sign J     Water Ought Finlan:     70,13'       Sign Dry? (right of a line)     Baile Dry? (right of a line)     Mater Volume?       All O     All O     Anat volume?       All O     All O     Mater Volume?       All O     All O     Anat volume?       All O     All O     Anat volume?       All O     All O     Anat volume?       All O     All O     All O       All O     All O     Al	Dan	Well Screen Interval:	
Previous Mater Depth Finish: 13, 13 Sept Volume 7 Sept Purging (circle one) Alo A.D M.Mat Volume 7 A.D M.Mat Volume 7 A.D M.M A	Druw     Merer Depth Finish:     J. J. J.       Styrt     Basis Dry? (reg. No. What Volume?       Purging (circle one)       A.D.	2 Ser	6.13	
Sund Furging (circle one) Alo What Volumer Alo T.D. M.L.M.S. (Marked Inc.) Alo M.L.M.S. (Marked Inc.) M.L.M.S. (Marked Inc.) M.L.M.S. (Marked Inc.) M. Marked Inc.) M. Marked Inc. M. Marked Inc.	Styn Styn Base Dry (Yes No. What volumer 2 ent / Purging (circle one) / alco A.D. A.D. M. A. stud M. S. stud M. stud M. S. stud M. stud	\$	1010	C Lot
lopment / Purging (circle one) /a/O 7.13 7.13 gen in gen in	evelopment / Purging (circle one)       evelopment / Purging (circle one)       vel     /a/b       /a/b     /a/b       vir     /a/b       /iy     /a/b       /iy     /a/b       /iv     /a/b       /a/b     /a/b<		No What Volume 7	tion
lopment / Purging (circle one) /ato 7.15 7.15 9en in gen in	evelopment / Purging (circle one)			Explain:
TimeTailVitate Level $\mathcal{A}(\mathcal{D})$ Water Level $\mathcal{A}_1(\mathcal{D})$ PH $\mathcal{D}_1(\mathcal{D})$ Dorductivity $\mathcal{D}_1(\mathcal{D})$ Conductivity $\mathcal{D}_1(\mathcal{D})$ Turbidity $\mathcal{D}_2(\mathcal{D})$ Salinity $\mathcal{D}_2(\mathcal{D})$ Color $\mathcal{D}_2(\mathcal{D})$ Dissolved Cxygen in $\mathcal{D}_1(\mathcal{D})$ Uge Volume $\mathcal{D}_1(\mathcal{D})$	Vel     RAID       vel     RAID       ity     RAID       ity     RAID       over     Raid       in Start     Instant	Well Development / Purging (		ns: 1" Diam = 0.041 gal/ft, 2" Dlam = 0.153 gal/ft, 4" Dlam = 0.653 gal/ft m 0.041 * 3 cashnga * 10' screen = 1.23 gallons, 2" Diam 0.163 * 3 casings * 10' screen = 4.89 ga
. <u>.</u> 	vel F.D. ity T.D. ure L.D. ure D. Ure D.	Time /a/O		
je je je	ity     ity       ure     ure       ure     jt_Lh_S(ity)       Oxygen in     jt_Lh_S(ity)       Ome     ity ity ity       One     ity ity ity       Infing Information (complete if well is sampled)       hod:       it Start:       it Start:			
in the second se	ity ure ure Activity			
in the second se	ure Net A Struct N	Conductivity		
ji. Ben	Oxygen in     Nuch study       Oxygen in     Nuch study       Inte     Nuch study       Inte     Interview       Inte     Interview       Inte     Interview	Temperature		
de ni de	Oxygen in Acting Ome Acting Information (complete if well is sampled) hod: I Start:	Salinity		
den in	Oxygen in M. J.	Turbidity		
gen in	Oxygen in me npling Information (complete if well is sampled) hod: il Start: hethod:			
Purge Volume	me npling Information (complete if well is sampled) hod: il Start: lethod:			
	npling Information (complete if well is sampled) hod: il Start: hethod:	Purge Volume		
	lethod:	Decon Method:	Sample Number:	
		Sampling Method:	Water Level Finish: Field comments:	

Method: J.W.J. S.G.F.C. Data: 13/14/15 HP3 Water Screen Interval: 10 Method: J.C.U.M. Water Depth Start: H. 79 Water Dept	Full Rady     Date:     13/14/13     Wester:       Full     West Strem Interval:     0     Teally Information       Drun     West Capits Stree:     H, 27 °     Fail Comments.       Drun     West Capits Stree:     H, 27 °     Mel Conditions:       Drun     West Capits Stree:     H, 27 °     Mel Conditions:       Drun     Drun     West Capits Stree:     H Conditions:       Drun     Drun     Mel Conditions:     Mel Conditions:       Drun     Drun     Mel Conditions:     Mel Conditions:       Drun     Drun     Cold Stree:     Mel Conditions:       Drun     Drun     Cold Stree:     Tealing Stree:       Drun     Drun     Cold Stree:     Tealing Stree:       Drun     Drun     Cold Stree:     Drun			
Water Depth Start:     H. 73       Druw     Water Depth Start:     H. 73       Druw     Water Depth Finish:     S. 64       D7 GAI     Bails Dry7     Yes       D7 GAO     Of 20       U. 73     Of 20       U. 73     Of 20	Mich 2004 Coon Interval. 0 Weter Depth State: H. 79 Water Depth Finish: 5, 69 Water Depth Finish: 5, 69 What Volume? 0920 H. 79 H. 70 H. 7		Date: (d/	Weather:
Mruch Water Depth Start: H. 79' 27.94 Water Depth Finish: 5.69' 27.94 Bails Dry? Yes Mo What Volume? 09.00 14.79 Corcle One)	Wrete Depth Stat: H. 79' Water Depth Finish: 5.69' What Valumes OFAD H. 79 OFAD H. 79 H. 79	CLOR	Well Screen Interval:	2.
Mater Depth Finish: 5. 69 Mater Depth Finish: 5. 69 Mater Volume? 27. 5. 69 Mater Volume? 09.00 14. 7.9 14.	Mrum 27 Ar I Bais Dry? Yes No What Volume? Phy Purging (circle one) 0900 14.79 14		7	
ent / Purging (circle one) 0900 14.79 01.79	ent / Purging, (circle one) Purging, (circle one) Principal (circle one) Pr	en l	5	
lopment / Purging (circle one) 0900 14. 7.9 14. 7.9 1		P		ditions: OK Not OK
Iopment / Purging (circle one)				Explain: ume in Gallons: 1* Diam = 0.041 gal/tr, 2* Diam = 0.163 gal/tr, 4* Diam = 0.653 gal/ft mest 1* Diam 0.044 * 1 = ===============================
er         Cβ∂           er Level         μ, ₹ ק           ductivity         μ, ₹ ή           ductivity         1           ductity         1           ducti	CGD         CGD           rt Level         H, ZG           Juctivity         H, ZG           Juctivity         H, ZG           Juctivity         H           J	I Development / Purging		
Le	It, ZA         It, ZA         It         It           Iuctivity         Iuctivity         Iuctivity         Iuctivity         Iuctivity           Iuctivity         Iuctivity         Iuctivity         Iuctivity         Iuctivity         Iuctivity           Iuctivity         Iuctivity         Iuctivity         Iuctivity         Iuctivity         Iuctivity         Iuctivity           Volume         Iuctivity         Iuctivity         Iuctivity         Iuctivity         Iuctivity         Iuctivity           Volume         Volume         Iuctivity         Iuctivity <td>0290</td> <td></td> <td></td>	0290		
aen in	uctivity       uctivity         uctivity       uctivity         ereature       uctivity         ereature       uctivity         ity       uctivity         ity       uctivity         uctivity       uctivity         volume       uctivity	4		
luctivity Luctivity Letter La	luctivity ereture by by by by by lity volume ved Oxygen in Volume			
berature ity dity Med Oxygen in Volume	lity betature dily dily volume V	ductivity		
lty dity Ved Oxygen in Volume	ly dity Ved Oxygen in Volume	berature		
dity Ved Oxygen in Volume	dity Ned Oxygen in Volume	ity		
Ved Oxygen in Volume	Volume	dity		
ved Oxygen in Volume	Volume Volume	-		
Volume	Volume	ved Oxygen in		
		Volume	-	
Well Sampling Information (complete if well is sampled) Decon Method:		Water Level Start:	Water Leve	vurnoer. vel Finish:
		ing Method:	Field comm	meris
		)pe:		
	l Start: lethod:			g «logics
Sample Number: Water Level Finish: Field comments:	I Start: lethod: Field comments: Field comments:			

•

Dovolgement Narge Mented:         Start Mitted:         Mark Depend method:         Tadally Infurences:         CS           Logge Marc         Start         Start         Start         Start         Start         Nat Number           Purge Water Disposal Wethod:         Rutur         Water Depend method:         Rutur         Water Disposal Volume:         Purge Water Disposal Volume:         Start         Star	Yes with minu 11-1
Prum     Water Depth Start:     8, 8.2 '       Prum     Water Depth Start:     8, 1.2 '       Drum     Water Depth Start:     8, 1.2 '       Drum     Water Depth Start:     8, 1.2 '       Drum     Water Depth Start:     8, 8.2 '       Prum     Water Depth Start:     8, 1.2 '       Water Depth Start:     8, 8.2 '       Water Depth Start:     8, 8.2 '       Prum     10 0 0       1000     1000       8, 8.2 '     8	(a) conter h man 11-1
Rutur Water Depth Finien: G. 131 D. g. 1 In Purging (circle one) E. 20 E. 20 E. 20	Let a month of the second
22 q 1 Balls Dry? Yes (No) What Volume? ent / Purging (circle one) // 200 8/201	all and a
Development / Purging (circle one)       Ibvelopment / Purging (circle one)	1
Development / Purging (circle one)       Level     パクロ       パクロ     パロロ       Level     パクロ       ビンシュ     リロロ       Level     パクロ       Uctivity     パクロ       erature     リロ       y     リロ       ity     リロ	1
r Level uctivity erature y	t, 2" Diam = 0.163 gal/ft, 4" Diam = 0.653 gal/ft screen = 1.23 gallons, 2" Diam 0.163 * 3 casings * 10" screen = 4.69 gallo
r Level uctivity erature y ity	
uctivity erature y	
Conductivity Temperature Salinity Turbidity Color	
Temperature Temperature Salinity Turbidity Color	
Salinity Turbidity Color Color	
Turbidity	
Color	
Dissolved Oxygen in	
Purge Volume	

 $\mathcal{B} \sim logics,$  well development, purging, sampling log form.vsd

والمعجود أتح

Daily Field Notes Pro	iect Name: Dur	
Project Number: 01-0979-C	Page of	
Date: 12/17/15	Weather: Main Cold	
Started: 1600	Other Information:	
Completed: 2100		
Diary		2 2
Diary		
- 11-1- 11		

-Most wells and serve not tightened and expansion plugs inshilled property after PLS Inc Conducted their survey on 12/15/15, after I had completed developing the wells 12 + 12D were under a pool of where Difficult to keep while out while sungling Forgot to collect an HND3 preserved Poly for well 12 - Did not have have to sample wills MUDOB, MWII, NWIJ MWIH, MWIG Muss has not been accessed for development or sampling due to easile activities by Samson Tuy and Barge Will Sample remaining sells on 12/21/15 - Las called an 12/18/15 informing me that we did not collect the correct bottle for Meran EPA 1631, They will shill run using this wellod set the angles will likely be flagged Approved: Signed: g-logics

Groundwater D Project Number: 01-0 Date: 12/1-7/15 Started: 1600 Completed: 2160	epths 979-c	Page Weather: Other Inform	Cold Rain	AC
Well MW06 MW07 MW08 MW09	<b>Dept</b> 7.0 7.28 8.3	5'	<b>Time</b> 1850 1855 1720	Notes
MWOGD MWOGD MWOO MWIOD	<i>8.40</i> <i>6.26</i> <i>8.</i> 41	1	1810 1805	
MWID MWID MWID MWIJ MWIJ	9,55	0	1923 1943	
MWIS MWIG MV05	6.8		1549	Onesh to be sampled
Approved:			Signe	* From Top of PVC ed:g-logics

www.fremontanalytical.com

Distribution: White - Lab, Yellow - File, Pink - Originator

APlease reperiments with the lab in advance	10.01					×					X
TAT -> SameDav^ NextDav^ 2 Dav 3 Dav STD	12.21	Date/Time	1		Received	Re			Date/Time	Date	Relinquished
Dical. cd	- isher	Date/Time	Certi	former	Received	× Re		001	Date/Time	Date	Relinquished
Let File to.	on the following business day.		Disposal by Lab (A fee may be assessed if samples are retained after at days.	oles are retain	sessed if samp	e may be as	al by Lab (A fe	Dispos	o Client	Return to Client	Sample Disposal:
Special Remarks:	Turn-around times for samples	Nitrate+Nitrite	Fluoride		<b>U-Phosphate</b>	nide	te Bromide	e Sulfate	Chloride	Nitrate Nitrite	****Anions (Circle): Ni
Pb Sb Se Sr Sn Ti TI U V Zn	Felig K Mg Mn Mo Na Ni P	cd co cr cu	Ba Be Ca	R Al As B	Individual: Ag		tants TAL	<b>Priority Pollutants</b>	RCRA 8	MTCA-5	** Metals Analysis (Circle):
	< ×	XXXV	X		×	×	-	27761	¥	41612196	10 MUNIDO
	×	XXX	××		×	×		1923	-	£1015191	06 - 81511 G
	*	XX	TK	Ţ		1				Erfrst	8 Jacob Charles
	×	XXXX	X	5	×	h		5021		716121	201 - (1010-10- 70
	×	XXXX	×	×	X	x		0 21		FICIS	6 JUL 310- 2015
	X	< X × Y	×	2	X	X		0441		2 (PISIO	(-SILDOUN S
	*	×××	~	×	×	~		1720		Eltisi	106-LOVIN +
		KXX X	X	T	X	×			-	51314-	3 44 306 701
	×	XXXX	×	×	×	×	-	5521	-	41615	2 AUSOF JOINE 2
	×	XX	X		×	X	GW	1850	12/17	tici	1 /106 2015 1
Comments		N 45 (E 4 40 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 -	40 40 40 40 40 40 40 40 40 40	A dilla a	A SS I BAY BOAS I GALL	4000	Sample Type (Matrix)*	Sample	Sample		Sample Name
orm Water, WW = Waste Water	GW = Ground Water, SW = Storm Water,	SL = Solid, W = Water, DW = Drinking Water,	W = Water,	L = Solid,	SD = Sediment, S		duct, S = Soil,	her, P - Product,	Bulk, D = Other,	AQ = Aqueous, B = Bulk,	*Matrix Codes: A = Air, A
	he y-logics	Sherest	PM Email:	P			No. of the second se	Fax:	1241	25-3412	Telephone:
	+ Hyde	vits in	Report To (PM):	R					thet	Issag	City, State, Zip:
	He	5004	Location:	5				10	A	Prais 01	Address:
collected by: SH	amish Mer	1 Duw	Project Name:			1	Hum		is A	arter	Client:
	of:	Page:		SILE	14	Date:		8 0	Tel: 206-352-3790 Fax: 206-352-7178		3600 Fremont Ave N. Seattle, WA 98103
	roject No (internal):	Laboratory Project No						ROL	malgheat	Am	E
alli of castody frecord	2								0	remon	
Chain of Custody Barord	5										

www.fremontanalytical.com

Distribution: White - Lab, Yellow - File, Pink - Originator

x Uatty/Ime	4 100°	asal: Altern to Client	***Anions (Circle): Nitrale Nitrite (Chloride Sulfate	** Metals Analysis (Circle): MTCA-5 RCRA-8 Priority Pollutants	10		A HEISIOS - EG TENT	Martin and the second second second	mate settigt 7	6451 / 21815104 -5161W	and the property and all and a second processing and and and and a second processing and	MUST- FILLING - FILM	Sample Sample Date Time	*Matrix Codes: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product,	Telephone: 435-391-6874 Fax:	City, State, Zip:	Address: 40 State SE	1.1 1	3600 Fremant Ave N. Tel: 206-352-3790 Seattle, WA 98103 Fax: 206-352-7178	Analytical	アシアトリアシファー
Received X	x Januar Jac	Disposal by Lab (A fee may be assessed if samples are retained after 30 days.)	Bromide O-Phosphate Fluoride	ints? TAL Individual: Ag Al As R Ba Be			X X X X	X X X X	XXXX	X X X X	many and a second from the second		mple trix)*	S = Soil,	PM Email:	Report To (PM):	Location:	Project Name:	Date: 12/17/15		
Date/Time	1200		Nitrate+Nitrite Turn-around times for samples	Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb			XXXX	XXXXX		XXXXX	x x X X	X	10000000000000000000000000000000000000	SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water	Starthe g.	(PM): Sturt Hyde	7.64.60.10 10	Duwerish ,	Page:	Laboratory Project No (internal):	
$IAI \rightarrow SameDay^{\wedge}$ NextDay^ 2 Day 3 Day STD Please coordinate with the lab in sdvance	for Disalud	146	Special Remarks:	ta Ni Pb Sb Se Sr Sn Ti Ti U V Zn									Comments	SW = Storm Water, WW = Waste Water	logics com		_ Collected by:	Mana lenter			citalli di cascay inceria

Duwamish Waterway, Eighth Ave. South, 9447029 Tidal Data Daily View

Home (/) / Products (/products.html) / Tide Predictions (/tide\_predictions.html) / Duwamish Waterway, Eighth Ave. South, 9447029 Tidal Data Daily View

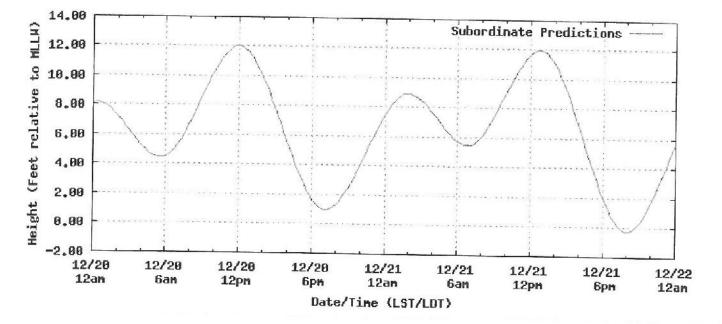
# Duwamish Waterway, Eighth Ave. South, WA StationId: 9447029

Referenced to Station: Seattle (9447130) Time offset in mins (high:10 low: 11) Height offset in feet (high:\* 0.97 low: \*0.95)

Daily Tide Prediction in Feet Time Zone: LST/LDT Datum: MLLW

(./NOAATidesFacade.jsp?Stationid=9447029&bmon=12&bday=19&byear=2015&edate=&timelength=daily)
 2015/12/20 - 2015/12/21 (./NOAATidesFacade.jsp?
 Stationid=9447029&bmon=12&bday=21&byear=2015&edate=&timelength=daily)

Back to Station Listing (/tide\_predictions.html) Help (/PageHelp.html)



Disclaimer: These data are based upon the latest information available as of the date of your request, and may differ from the published tide tables.

Note: For predictions of Subordinate stations, the solid blue line depicts a curve fit between the high and low values and approximates the segments between.

Begin Date:

(./NOAATidesFacade.jsp?Stationid=9447029&bmon=12&bday=19&byear=2015&edate=&timelength=daily)

Dec ▼ 20 ▼ 2015 ▼ ► (./NOAATidesFacade.jsp?

Stationid=9447029&bmon=12&bday=21&byear=2015&edate=&timelength=daily)

#### Time Range:

Daily 🔻

#### Time Zone:

LST/LDT

### Data Units:



Show Advanced Options

Submit Reset

Publis	hed	Tide Table	es Format
Annual	PDF	Annual TXT	Annual XML

High/Low Tide Predictions in Feet from 2015/12/20 - 2015/12/21

Dov	vnload:	ТХТ		XML	
Date	Day	Time	2	Hgt	
12/20	Sun	12:19	АМ	8.16	н
12/20	Sun	05:37	AM	4.44	L
12/20	Sun	12:00	PM	12.03	Н
12/20	Sun	07:07	ΡM	0.99	L
12/21	Mon	01:53	AM	8.93	н
12/21	Mon	06:52	AM	5.46	L
12/21	Mon	12:48	ΡM	11.98	н
12/21	Mon	07:58	РМ	-0.25	L

Disclaimers (/disclaimers.html) Contact Us (/contact.html) Privacy Policy (/privacy.html)

### Products

PORTS (/ports.html) OFS (/models.html) Tide Predictions (/tide\_predictions.html) Currents (/cdata/StationList?type=Current+Data&filter=active) More about products... (/products.html)

### Programs

Mapping and Charting Support (/mapping.html) Maritime Services (/maritime.html) COASTAL (/coastal.html) More about programs... (/programs.html)

### Partners

Hydrographic Survey Support (/hydro.html) Marsh Restoration (/marsh.html) GoMOOS (/gomoos.html) TCOON (/tcoon.html)

### Revised: 10/15/2013

NOAA (http://www.noaa.gov) / National Ocean Service (http://oceanservice.noaa.gov) Web site owner: Center for Operational Oceanographic Products and Services

Swastanze	Well Screen Interval: to	Tidally influenced?
,		-
	Water Depth Start: 7,05	
Olaw		
5901	Bails Dry? Yes No What Volume?	1
-		Explain:
		Casing Volume in Gallons: 1" Diam = 0.041 gal/ft, 2" Diam = 0.163 gal/ft, 4" Diam = 0.653 gal/ft Purge Volumes: 1" Diam D 041 - 1 maintee and a contract of the second second second second second second second
1 / Purging (circle o		
1850		
7.05		
6.36		
545.9		
13,05		
)		
4.0		
61/41-		
10'8/2'01		
5621		
mation (complete i		ZIMSIOC-900W
V	Water Level Finish:	
none / lay	Giller	
	Imation (complete if $\frac{1850}{636}$ 1850         1850         1850         17.05 <t< td=""><td>(circle one) (circle one) (circ</td></t<>	(circle one) (circle one) (circ

1987

Well Number: MW06 Project Number: 01-0979-C

Date:

Project Name:

しどろ

Copyright G-Logics, well development, purging, sampling log form.vsd

g~logics

Well Sampling Infc Decon Method: Water Level Start: Sampling Method:	Purge Volume	Dissolved Oxygen in	Color UKP	Turbidity	Salinity	Temperature	Conductivity	PH	Water Level	Time	Well Developmer		Purge Water Disposal Volume:	Furge Water Disposal Method:	Logged By: Jkt	nt / Purge	Project Number: $O(-O)$	B
Per line	Sect	41.0/432	21205-	1.4		12.33	1.189	6.74	1,26'2	5581.	Well Development / Purging (circle one)	2	2601	Vaim	ŝ	Swest gurge	7-6460-10	LOCIW
Well Sampling Information (complete if well is sampled)         Decon Method:       Decircle decirc												<	Balls Dry? Yes (No) What Volume?	Water Depth Finish:	Water Dopth Start: 7. 2. 8	Well Screen Interval:tototo		Project Name:
Sample Number: MUS0 7 & 2015 Water Level Finish: Field comments;											Casing Volume in Catlons: 1" Diam = 0.041 gal/ft, 2" Diam = 0.163 gal/ft, 4" Diam = 0.653 gal/ft Purge Volumes: 1" Diam 0.041* 3 casings * 10" screen = 1.23 gallons, 2" Diam 0.163 * 3 casings * 10" screen = 4.89 gallons		Well Conditions: OK Not OK		0	fuenced?	Weather:	MC
£18151											63 gal/H,  4° Diam = 0.653 gal/H aliona, 2° Diam 0.163 * 3 casings * 10' screen = 4.89 gallo		SK .					

Copyright G-Logics, well development, purging, sampling log form.vsd

g~logics

5

Water Level Start: 125'3 1

Filter Type: Sampling Method: more er Cump 16.6 2 fer.

> Water Level Finish: Field comments: sample Number.

Copyright G-Logics, well development, purging, sampling log form.vsd

g-logics

Well Number:	~100912	Project Name: ()	MC		2
Project Number: 01 - 00	0979-C	Date: 12/17/15	Weather:	Cold Rain	
Development / Purge Method:	Sizes / Surge	Well Screen Interval: to	Tidally Influe	Influenced? YES?	
Logged By: SU	1	Water Depth Start: 8.41)	Field Comments:	ients:	
Purge Water Disposal Method:	Varen .	Water Depth Finish:			
Purge Water Disposal Volume:	1 25 8	Bails Dry? Yes No What Volume?	Well Conditi	Well Conditions: OK Nat DK	
	1	L 31	Explain:		
		Cas	ing Volume in Gallons: 1" Diam = 0.04 ge Volumes: 1" Diam 0.041 * 3 casings	Casing Volume in Gallons: 1" Diam = 0,041 gal/ft, 2" Diam = 0.163 gal/ft, 4" Diam = 0.653 gal/ft Purge Volumes: 1" Diam 0.041 * 3 casings * 10" screen = 1.23 gallons, 2" Diam 0.163 * 3 casings * 10" screen = 4.89 gallon	*3 casings * 10° screen = 4.89
Well Development / Purging (circle one)	t / Purging (circ				
Time	9441		30		
Water Level	OH'8				
PH	tt'9				
Conductivity	0.430				
Temperature	12.48				
Salinity		2			
Turbidity	9,20				<b>S</b>
Cotor Orl	のたい				
Dissolved Oxygen in	Ehih/0'24				
Purge Volume	1208				
	~				
Well Sampling Info	ormation (compl	Well Sampling Information (complete if well is sampled) Decon Method:	Sample Number:	PISIOR - (16007W	17
Water Level Start: Sampling Method:	Per Pana		Water Level Finish: Field comments:		
Filter Tyne:	ACan / le	ab biller			

 $g \sim \log cs$ 

Well Number: MW (6	Project Name	OM		45	
Project Number: 01-0979-C	Date: 12/17/15	<	1.11		
Development / Purge Method: 5.3ca 5/50.000	Well Screen Interval		Weather: Q-old Min.		
			Tidally Influenced?	-V	
r Disposal Method:	Water Depth Start: 6 + 26		Field Comments:		
Doual Product in the	Water Depth Finish:				
Purge Water Disposal Volume: 5 G c. 1	Bails Dry? Yes No What Volume?	2	Well Canditions: OK Not OK		
			(		
Well Development / Purging (circle one)	circle one)	Casing Volume in Gallons: 1 Purge Volumes: 1" Diam 0.0	Casing Volume in Gallons: 1" Diam = 0.041 gal/H, 2" Diam = 0.163 gal/H, 4" Diam = 0.653 gal/H Purge Volumes: 1" Diam 0.041 * 3 casings * 10" screen = 1.23 gallons, 2" Diam 0.163 * 3 casings * 10" screen = 4.89 gallons	gal/ft, 4" Diam =0.653 gal/ft ns, 2" Diam 0.163 * 3 casings * .	10' screen = 4.89 gai
Time 1810					
Water Level			1		
PH ( C )				*	
Dirachinik 0. 255					
Temperature ((, ) +					
Salinity					
		1			
200 0.0					
1100					
Dissalved Oxygen in 92.2/4.69			5		
Purge Volume 5 94 1				• •	
Decon Method	function well is sampled)			-	
Water Level Start.		Sample Number:	BILLION - DI MIN	1017	
Sampling Method: Rev. Proves	0	Water Level Finish: Field comments:			
Filter Type: vonc/lab	5 falter				

\* "

Copyright G-Logics, well development, purging, sampling log form.vsd

g-logics

10° +

Survey Fourge     Wall Screen Interval:     tn     Titality Influenced       Mum     Water Depth Start:     Screen Interval:     Titality Influenced       Mum     Water Depth Finiah:     Field Comments:       Age, 1     Baile Dry? Yes, 6/0 What Volume?     Well Conditions:       Explain:     Explain:     Screen Interval:       Mum     Baile Dry? Yes, 6/0 What Volume?     Well Conditions:       ent / Purging (Circle one)     Casing Volumes: 1° Diam Dod 1's sasings: 190       1/200     Screen     Screen Interval:       9:740     Screen     Screen       9:740     Screen     Screen       9:750     Screen     Screen       1/200     Screen     Screen       1/200     Screen     Screen       1/200     Screen     Screen	Project Number: CI - C	2-5250	121/11	2 ?	
Mail     Wall Screen Interval:     to       Water Depth Start:     % 41       Water Depth Finisht:     Bails Dry? Yes       Aga 1     Bails Dry? Yes		244	Date: 12/12/15		Weather: Eold
Minim Water Depth Start: & 41 P. ga. 1 Sails Dry? Ves. (iv) What Volume? ent / Purging (circle one) 1875 2.41 6.75 6.75 14.10 14.10 14.10 14.10 14.10 14.10 14.15 5.00 14.15 5.00	and a second	(sever			Tidally Influenced?
Mum     Water Depth Finish:       Aga, 1     Bails Dry?       Piga, 1     Piga, 1       Piga, 1     Piga, 1       Piga, 1     Piga, 1       Piga, 2     Piga, 2	Burning and	- <b>-</b>	\$°		Field Commander
P que 1 Bails Dry? Yes $(k)$ What Volume? ent / Purging (circle one) RAS R	Purge Water Disposal Method:	1.5			rivid Comments:
Plopment / Purging (circle one) 1835 6.75 6.75 14.10 14.6/500 8.41 14.6/500	Purge Water Disposal Volume:		1		
Plopment / Purging (circle one) 1835 0.41 0.750 14.00 14.6/500 86.1			C		
Image: slopment / Purging (circle one)       1885       1885       0.40       0.70       14.0       14.0       14.0       14.0       14.0       14.0       14.0       14.0       14.0       14.0       14.0       14.0       14.0       15.2       14.0       15.2       15.2       15.2       15.2       15.2       15.2       15.2       15.3					Explain:
1805 9.41 6.75 0.760 1.15 1.10 1.15	Well Developme	nt / Purging (circle	(ano	Casing Volume in G Purge Volumes: 1" [	allons: 1" Diam = 0.041 gal/tt, 2" Dian Diam 0.041 * 3 casings * 10' screen =
gen in 1983 - 1997 - 19	Time	50,81			
genin 49.500	Water Level	A HI			
genin 14.10 14.10 17.5 17.5 17.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1	рн	120			
gen in 14.10 133.2 86.1 86.1	Conductivity	020			
$\frac{1}{\sqrt{2}}$	Temperature	0.10		-	
genin 1983.2 85.2 85.1 85.1	Oplinity 1	1 prilo			
gen in 149.6/4		1			
gen in 1497.6/	i urbidity	2 T			ł
gen in 149.6/c	1	W.			
	Dissolved Oxygen in	101			2
	Purge Volume	84~(			
		1	_		

 $g \circ logics$ Copyright G-Logics, well development, purging, sampling log form.vsd

Tegin wumper:	MUNIA	Project Name: DMC	
Project Number: 01-0979	J- 124 6		
Development / Purge Method;	Sussiliere		Weather: Lold Kair un
Logged By:		9	Tidally influenced? Ces
r Disposal Method:	S-	Water Depth Start: $q_i >>$	Field Comments: West unservice of below Surridered and
		Water Depth Finish:	ic Mow
runge water Disposal Volume:	2 6/4 F	Balls Dry? Yes (No) What Volume?	11
Well Development / Purging (circle one)	l / Purging (circl		Casing Volume In Gallons: 1" Diam = 0.041 gal/ft, 2" Diam = 0.163 gal/ft, 4" Diam = 0.653 gal/ft Purge Volumes: 1" Diam 0.041 * 3 casings * 10' screen = 1.23 gallons, 2" Diam 0.163 * 3 casings * 10' screen = 4.89 gallons
Time	1923		
Water Level	9,55		
рH			
Conductivity	6,7		
Temperature	6,7		
Salinity	6.7		
Turbidity	6.7		
	6.7		
Color	6,7		
ved Oxygen in	41.6/437 1.323 12.56 12.56		

Rudines
complete if well is sampled

Sampling Method:	Water Level Start:	Decon Method:
Der. Verney	0.55	BOULD VED 12
		in and

Z/CUSIOS - CICUN

Water Level Finish: Field comments:

Sample Number:

Copyright G-Logics, well development, purging, sampling log form.vsd

g~logics

Filter Type:

viewe 1/25

うたく

Well Number:	MWID Project Name: Duc	
Project Number: 01-6979-0	Date:	1.1
Development / Purge Method: Good	School Well Screen Internal	Weather: Cold Roin
and the second	Water Depth Start: 3	Tidally Influenced?
Purge Water Disposal Method:		Field Comments: Same as MUSID
Purge Water Disposal Volume: 8	2	
		Explain:
Well Development /	Casing Volume i Purge Volumes: Purge	Casing Volume in Gallons: 1" Diam = 0.041 gal/#, 2" Diam = 0.163 gal/#, 4" Diam = 0.653 gal/# Purge Volumes: 1" Diam 0.041 * 3 casings * 10' screen = 1.23 gallons, 2" Diam 0.163 * 3 casings * 10' screen = 4.63 gallons
Time	2441	
Water Level	1.50	
Water Level pH	1, tO	
Water Level pH Conductivity	75	
Water Level pH Conductivity Temperature	27 27	
Water Level pH Conductivity Temperature Salinity	14 74	
Water Level pH Conductivity Temperature Salinity Turbidity	2 799	
Water Level pH Conductivity Temperature Salinity Turbidity Gelor VRV	11-23/28/28/28/28/28/28/28/28/28/28/28/28/28/	
Level divity rature VAR V VAR V ad Oxygen in	1611 23 12	
Level divity rature ad Oxygen in olume	2201206122	
Level divity rature WR W ad Oxygen in olume	2 2 2 2 2 2 2	
Water Level pH Conductivity Temperature Salinity Turbidity Golor-URP Dissolved Oxygen in Purge Volume	2 3 2 8 2 8 2 8 2	

1

Copyright G-Logics, well development, purging, sampling log form.vsd

g~logics

Filter Type:

viore

200

Siller

Sampling Method:

Per. Pany

Water Level Finish: Field comments:

50	Date: 12/17/15	Weather: Cald O :
Development / Purge Method: Start Score		in the second
Logged By: SH	l	Tidally Influenced?
Purge Water Disposal Method:	Water Deput First AN A A	Field Comments:
	Water Depth Finish:	
rurge Wathr Disposal Volume: 7 561	Bails Dry? Yes (No) What Volume?	Well Candritions: (OK) Not OK
		(
Well Development / Purging (circle one)		Casing Volume in Gallons: 1" Diam = 0.041 gal/ft, 2" Diam = 0.163 gal/ft, 4" Diam = 0.653 gal/ft Purge Volumes: 1" Diam 0.041 * 3 casings * 10" screen = 1.23 gallons, 2" Diam 0.163 * 3 casings * 10' screen = 4.89 gallons
Time ISH 9		
Water Level		
pH 6.41		
Conductivity n.5/cm 0,003		
Temperature 6,28°C		
Salinity		
Turbidity NTU 6.3	1	
cator OKP = 208.4		
Dissolved Oxygen in 104.3/2.88		
Purge Volume		
20		
Information (comp	Hete if well is sampled)	t1815100-51m
Sampling Method: Ner. Pureas	Water Level Finish: Field comments:	
non	CVA.	

 $g \sim logics$ Copyright G-Logics, well development, purging, sampling log form.vsd

Date: 12/21/15 Started: Completed: Well MW08 MW11	Other Infor Depth *	Cold Rain	
Completed: Well MW08 MW11	Depth *		
Well MW08 MW11		Time	Notes and the second
MW08 MW11		Time	
MWII	1 - 9	1 me	Notes, Due MUSFDI
	6.79	1625	Notes, Duy MUSFDI Well cups not inshilled Properly from
	7.311	1630	Dup MOFDD-2015/221
MWIZ	9.08'	1752	
MW 14	7,23'	1805	
MWIG	12.62	1800	
	۰. د مربع بحر الجرابي محر الحرابي الم		
· · · · · · · · · · · · · · · · · · ·			
			* From Top of PVC
Approved:		Signe	d: g-logics
1			Copyright G-Logics, groundwater depths.v

the.

www.fremontanalytical.com

Distribution: White - Lab, Yellow - File, Pink - Originator

Instrumentation     Instrumentation       Pic 2063323707     Pic     Pic       Pic 206332707     Pic     Pic     Pic       Pic 20632707     Pic     Pic     Pic       Pic 20632707     Pic     Pic     Pic       Pic 20632707     Pic     Pic     Pic     Pic     Pic       Pic 2063707     Pic     Pic     Pic     Pic     Pic       Pic 2063707     Pic     Pic     Pic     Pic     Pic       Pic 2064707     Pic     Pic     Pic     Pic     Pic       Pic 2064707     Pic     Pic     Pic <td< th=""><th></th><th>Refinquished</th><th>Relinquisted</th><th>Sample Disposal:</th><th>***Anions (Circle):</th><th>** Metals Analysis (Circle):</th><th>10</th><th>9</th><th>00</th><th>7 JULLED Y</th><th>6 AUJED1-</th><th>2 - 91Ch1 5</th><th>4 MISHA 2</th><th>3/11013-20</th><th>2 11001-20</th><th>- 20CIN 1</th><th>*Matrix Codes: A = Air, Sample Name</th><th>Telephone:</th><th>City, State, Zip:</th><th>Client: Address:</th><th>Seattle, WA 98103</th><th></th><th></th></td<>		Refinquished	Relinquisted	Sample Disposal:	***Anions (Circle):	** Metals Analysis (Circle):	10	9	00	7 JULLED Y	6 AUJED1-	2 - 91Ch1 5	4 MISHA 2	3/11013-20	2 11001-20	- 20CIN 1	*Matrix Codes: A = Air, Sample Name	Telephone:	City, State, Zip:	Client: Address:	Seattle, WA 98103		
Laboratory Project Nume     Figure 10       Project Nume     Project Nume       Project Nume     Project Nume       Brown 10 (PM)     Project Nume       Project Nume     Project Nume       Brown 10 (PM)     Project Nume       Project Nume     Project Nume       Brown 10 (PM)     Project Nume		Date/	< 12/2 2 12/2	Return to		MTCA-5				1.6615196		11666510	ct 151	151331	4	164310	AQ = Aqueous, B = Bi	19-11-61	19969	10 toda	1		P
Laboratory Project Nume     Figure 10       Project Nume     Project Nume       Project Nume     Project Nume       Brown 10 (PM)     Project Nume       Project Nume     Project Nume       Brown 10 (PM)     Project Nume       Project Nume     Project Nume       Brown 10 (PM)     Project Nume		Time	Time 2///S		Chloride					*						10/01	Sample Date	1 had	Lice L	te c	-352-7178	alvine	
Laboratory Project Nume     Figure 10       Project Nume     Project Nume       Project Nume     Project Nume       Brown 10 (PM)     Project Nume       Project Nume     Project Nume       Brown 10 (PM)     Project Nume       Project Nume     Project Nume       Brown 10 (PM)     Project Nume			31/11	Disposal by	Sulfate	ority Pollutants				670	569	000	505	153	630	1 569	Sample Sa Time (M	Fax:	- STAR	SA	-	8	
Page:       of:         Page: <td></td> <td>(</td> <td></td> <td>Lab (A fee may t</td> <td>Bromide</td> <td>V</td> <td></td> <td></td> <td></td> <td>* *</td> <td>X</td> <td>- e X</td> <td>×</td> <td>×</td> <td>X</td> <td>X</td> <td>s = soil, mple ype atrix)*</td> <td></td> <td>Sur Sur</td> <td>Harr</td> <td>Date</td> <td></td> <td></td>		(		Lab (A fee may t	Bromide	V				* *	X	- e X	×	×	X	X	s = soil, mple ype atrix)*		Sur Sur	Harr	Date		
Page:       of:         Page: <td>~</td> <td>Received</td> <td>Received</td> <td>e assessed if sam</td> <td>O-Phosph</td> <td>Individual: A</td> <td></td> <td></td> <td></td> <td></td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>-Sediment,</td> <td></td> <td>100</td> <td>15</td> <td>104</td> <td>2</td> <td></td>	~	Received	Received	e assessed if sam	O-Phosph	Individual: A					X						-Sediment,		100	15	104	2	
Page:       of:         Page: <td></td> <td></td> <td>utt</td> <td>ples are retained</td> <td></td> <td>AI As B</td> <td></td> <td></td> <td></td> <td>X</td> <td>X</td> <td>X</td> <td>n x</td> <td>&lt; &lt;</td> <td>X</td> <td></td> <td>Carsoline Ranse O</td> <td>PMI</td> <td>Repo</td> <td>Proj</td> <td>Proj</td> <td>51/10</td> <td></td>			utt	ples are retained		AI As B				X	X	X	n x	< <	X		Carsoline Ranse O	PMI	Repo	Proj	Proj	51/10	
ot:		1	AM	After 30 days.)	Th.	Be Ca				X	×		×		×	X	14/4/2011/18	Email:	ort To (PM):	tion:	ect Name:		
ot:		Date/Time	Date/Time		ate+Nitrite	Co Cr Cu				×	XXX	8	××	×	XXX	XXX	Conking Wat	5+4	2751	501-	Page	Laborator	
rnd): 			22/21-	an the fallow	Turn-around	Hg K				x	×	×	×	×	×	×			iert h	440	Jave 15		
ollected by:       -storm Water, WW - Waste Water       Comments       Comments       Comments       Special Remarks:       In			15-	ring business d	times for same	Mn Mo Na				×	×	×	×	X	×	×	Service Servic	Ce que	hide.	C	9		
Its	sebol J.	TAT -	4 1120			NI Pb Sb										0.20	W- Storm Wa	·		Collected b	larine		
Its	COOL TILLER MAN	→ SameDay^	5 1:14	2.2.0	Remarks:	₽											ter, www.ww	05-		y;	6		
3 Day STD	I UIC IOU III SUVA	NextDay <sup>A</sup>	1. 6. 10	de l		TIUVZn	100										Comments				E		
	line		descelo	a tal	134 163											1					3		
	L	STD	ord na		-						,			1.2			1.						

ent / Purge Method: S	Comments:     Tidally Influenced?       Field Comments:     Kield Comments:       Well Conditions:     DK       Vell Conditions:     DK       Casing Volume in Gallons:     1" Diam 0.041 * 3 casings * 10" screen	VerS Not DK
Drum . Water Depth Start: Drum . Water Depth Start: S Gal Bails Dry? Yes ent / Purging (circle one) (6.79		Not OK
Bruch		Not DK
5 ga 1 Bails Dry? Yes ent / Purging (circle one) 1629		Not OK
Well Development / Purging (circle one) Time (んろち Water Level 6. アイ	Explain: Casing Volume in Gallons: 1" Diam = 0.041 galvr, 2" Diam = Purge Volumes: 1" Diam 0.041 * 3 casings * 10' screen = 1.2	
Well Development / Purging (circle one) Time (んうち Water Level 6.アタ <sup>1</sup>	Casing Volume in Gallons: 1" Diam = 0.041 gat/ft, 2" Diam = Purge Volumes: 1" Diam 0.041 * 3 casings * 10' screen = 1.2	
le ter Level		= 0.163 galft, 4" Diam = 0.653 galft .23 galions, 2" Diam 0.163 * 3 casings * 10' screen
ter Level		
ST S		
Conductivity 0, 562		
Temperature 11, 82		
Salinity		
Turbidity 6,0		
600 0RP -257.6		
Dissolved Oxygen in 17.5/1.88		
Purge Volume 5		

Copyright G-Logics, well development, purging, sampling log form.vsd

.

Development / Purge Water Disposal Method:     Cut Method:     Cut Method:     Log     Log       Lugge Water Disposal Method:     Muter Depth Start:     X, R,	Tidaily Influenced?       V < S         Field Comments:       More Diamedia         Well Conditions:       OK         Well Conditions:       OK         Explain:       OK         Explain:       0.641 * 3 casings * 10* screen = 1.23 gallons, 2* Diam 0.163 * 3 casings * 10* screen = 4.89
Mater Depth Start:     Z, Z, Z,       Unum     Water Depth Start:     Z, Z,       S QC I     Bails Dry? Yes     Wat Volume?       Funging (circle one)     P(530)     P(530)       P, Z, Z     P, Z     P(116)       P, Lib     P, Z, Z       P, Z, Z     P, Z	Field Comments:     Veil Conditions:     OK       Weil Conditions:     OK     Explain:       Explain:     Explain:     0.041 gai/ft, 2" Diam = 0.153 gai/ft       in Gallons: 1" Diam 0.041 * 3 casings * 10" screen = 1.23 gallons, 2" Diam D.153 * 3 casings * 10" screen = 4.89
Mater Depth Finish:     Water Depth Finish:       5 QG I     Bails Dry? Yes     No What Volume?       6 mt / Purging (circle one)     1630     1630       73.2     7.32     1630       7.16     11.16     11.16       11.16     11.16       -3.7     -3.7	Viell Conditions: OK Not OK Explain: e in Gallons: 1" Diam = 0.041 gal/ft, 2" Diam = 0.153 gal/ft, 4" Diam = 0.653 gal/ft s: 1" Diam 0.041 * 3 casings * 10" screen = 1.23 gallons, 2" Diam 0.163 * 3 casings * 10" screen = 4.89
Sequel Pais Dry? Yes No What Volume? ent / Purging (circle one) (630 7.31 7.13 7.14 7.15 7.15 7.15 7.15 7.15 7.15 7.15 7.15 7.15 7.15 7.15 7.15 7.15 7.15 7.15 7.15 7.15 7.15 7.77	(ditions: OK)
Development / Purging (circle one) Level $7.32$ Level $7.32$ Alvity $0.604$ ature $11.16$ -3.7	Explain: e in Gallons: 1" Diam = 0.041 gai/ft, 2" Diam = 0.153 gai/ft, 4" Diam = 0.653 gai/ft s: 1" Diam 0.041 * 3 casings * 10" screen = 1.23 gallons, 2" Diam 0.163 * 3 casings * 10" screen = 4.89
Development / Purging (circle one) Level $7.32$ / $7.16$ ature $7.16$ ature $11.16$ 7.7	e in Galions: 1" Diam = 0.041 gal/ft, 2" Diam = 0.163 gal/ft, 4" Diam = 0.663 gal/ft s: 1" Diam 0.041 * 3 casings * 10" screen = 1.23 gallons, 2" Diam 0.163 * 3 casings * 10" screen ≍ 4.69
tivity 00 ature 10	
Level Zivity 0 ature 1/1	
ativity 0 ature 1/1	
divity ature of P	
ature V OP P	
04.6	
02.0	
Dissolved Oxygen in O/O	
Purge Valume 5 4 al	

and the second se

Casing Volume in Gallons: 1" Diam = 0.041 gal/tt, 2" Diam = 0.163 gal/tt, 4" Diam = 0.653 gal/tt Purge Volumes: 1" Diam 0.041 \* 3 casings \* 10° screen = 1.23 gallons, 2" Diam 0.163 \* 3 casings \* 10° screen = 4.89 gallons IRPISIOC- SIMW Roin Well Canditions: OK Not OK res Kold Tidally Influenced? Field Comments: Weather: Explain: Vater Level Finish: Field comments; -Sample Number: Project Name: DMC Ś -17 °, 9.081 Bails Dry? Yes No What Volume? - AL Well Sampling Information (complete if well is sampled) Well Screen Interval: Water Depth Finish: Water Depth Start: 1 as 6/10 Date: Cum Well Development / Purging (circle one) N Perishaltic Siver Struze 10,781 7.53 noue Dedicated 1884 9.081 Y 2.64 1.00% 14.9 5901 Lala 5 Marin Well Number: MUJIS -6260-10 36, 5 5.2 25 Purge Water Disposal Method: Dissolved Oxygen in Sur Purge Water Disposal Volume: Development / Purge Method: Water Level Start: Sampling Method: Decon Method: Purge Volume Temperature Water Level Conductivity Filter Type: Project Number; **Turbidity**. Salinity Time Logged By: Color Ha

g logics

Copyright G-Logics, well development, purging, sampling log form.vsd

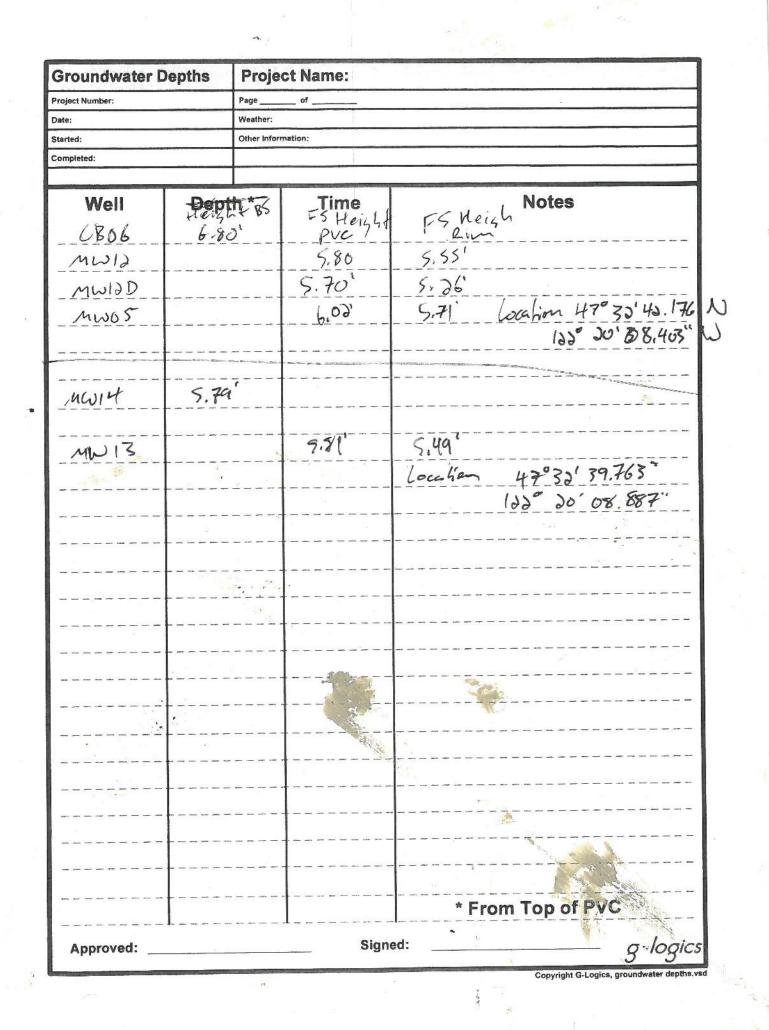
mar Struge		
men "	Well Screen Interval: to	Chonene Chonene
1 yqui	Water Depth Start: $7$ $\sqrt{3}$	
24941	Water Depth Finish:	
	Balls Dry? Kee No What Volume? 2 610	Well Conditions: / DK Not CK
	4	)
Well Development / Purging (circle one)		Casing Volume in Gallons: 1* Diam = 0.041 gal/tt, 2* Diam = 0.163 gal/tt, 4* Diam = 0.852 gal/tt Purge Volumes: 1* Diam 0.041 * 3 casings * 10* screen = 1.23 gallons, 2* Diam 0.163 * 3 casings * 10* screen = 4.88 gallons
Time ( \$0\$		
Water Level 7.33		
На 7,07		
Conductivity 7, 010		
Temperature 12,36		
Salinity		
Turbidity 5,9 1		
Calor ORP -134,9		
Dissolved Oxygen in 46/4,8)		
Purge Volume		
Well Sampling Information (complete if well is sampled) Decon Method:	f well is sampled) Sample Number:	18815108 - MICH
Water Level Start: 1: 45 Sampling Method: Per, Party C	Vater Level Finish: Field comments:	
		1

n

Copyright G-Logics, well development, purging, sampling log form.vsd

Development ( huge kenect:         2xxy / 5x / xy         Mediation ( rule         Transmitter ( rule         Mediation ( rule         Mediati	Scall Scurge     Noti Screen Intervet:     tu       Mater Depth Start:     Noti Screen Intervet:     Taiab Infraeces       Mater Depth Start:     Varie Depth Start:     U.A.A.       Mater Depth Start:     Varie Depth Start:     U.A.A.       Mater Depth Start:     U.A.A.     Peld Comments:       Mater Depth Start:     U.A.A.     Weil Comments:       S G a I     Baile Dry Yes (Ko) What Volume's     Weil Contractions:       Proge     Part Purging     Contractions:       T2.6     Part Purging     Contractions:       T2.6     Part Purging     Contractions:       T2.6     Part Purge     Part Points:       T2.6     Part Purge     Part Points:       T2.6     Part Points:     Part Points:       Part Points:     Part Points:     Part Points:       Part Points:     Part Points:     Part Points:	Start Stury E     Well Screen Interval:       Mrum     Water Depth Start:       Mrum     Baits Dry? Yes       Mrum     T2.62       T2.62     T2.62       T2.62     T2.62       T2.62     T2.62       T2.61     T2.62       T2.61     T2.62       T2.61     T2.62       T0.61/Log     T2.61       S G.61     S G.61       S G.61     S G.61       S G.61     S G.61	tu (1.6.6.2.	K.c.u. Ve S Mot OK = 0.163 galft, 4" Diam = 0.653 galft = 1.23 gallons, 2" Diam 0.153 * 3 casings * 10" screen = 4.89 gal
Mater Depth Start:     [1,6,3]       Mater Depth Start:     [1,6,3]       Mater Depth Start:     [1,6,3]       Mater Depth Finish:     Sealer       S Garl     Bails Dry? Yes (No) What Volume?       Program     Red       Program     Circle one)       I 2:62     Pails Dry? Yes (No) What Volume?       Program     Program       I 2:62     Pails Dry? Yes (No) What Volume?       I 2:62     Pails Dry? Yes (No) What Yolume?       I 2:62     Pails Dry? Yes (No) What Yolume?       I 2:61     Pails Dry? Yes (No) What Yolume?       I 3:62     Pails Dry? Yes (No) What Yolume?       I 3:63     Pails Dry? Yes (No) What Yolume?	Mater Depth Start:     Mater Depth Start:     M.G.A'       Mr.un     Water Depth Start:     N.G.A'       Mr.un     Water Depth Start:     N.G.A'       S.G.a.I     Jaris Dry? Yes     Yes       S.G.a.I     Bails Dry? Yes     Yes       Propin gravity     T.G.B'       Propin gravity	Mater Depth Start Mater Depth Start Mater Depth Start Mater Depth Start S G G I I 2:62 I 2:62	ta العامين الم	Ve S Not OK m = 0, 163 galft, 4" Diam = 0, 653 galft = 1,23 galians, 2" Diam 0, 153 * 3 casings * 10" screen = 4,88 gal
Mater Depth Start:     A. (A. (A. (A. (A. (A. (A. (A. (A. (A. (	Mater Depth Start:     Nater Depth Start:     Nater Depth Start:       Mater Depth Finish:     Vater Depth Finish:     Vater Depth Finish:       S GACI     Bails Dry? Ves (No) What Volume?       Pails Dry? Ves (No) What Volume?       Pails Dry? Ves (No) What Volume?       S GACI     Bails Dry? Ves (No) What Volume?       I S GO     12:62       1 S : 60     10:6/1.84       1 O : 6/1.84     10:6/1.84	Mater Depth Start:     Water Depth Start:       Mater Depth Start:     Water Depth Start:       S Gal     Bails Dry? Yes (NG)       Pails Dry? Yes (NG)     Pails Dry? Yes (NG)       Pails Dry?     Pails Dry?       Pails Dry?     Pails D	A.G.A.	Not OK um = 0.163 galift, 4" Diam = 0.653 galift = 1.13 galiens, 2" Diam 0.163 * 3 casings * 10" screen = 4.88 gal
Mrun         Water Objects Finish:           5 Gal         Bails Dry? Yes (No) What Volume?           6 multiplies         Bails Dry? Yes (No) What Volume?           1         8           1         8           1         8           1         8           1         8           1         8           1         8           1         8           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           2         1           2         1           2         1           1         1           1         1           5         3<	Mrun     Water Depth Finieh:       5 Gal     Water Depth Finieh:       5 Gal     Batis Dry? Yes (No) What Volume?       12 62     12 62       12 62     12 62       12 62     12 62       12 62     12 62       12 62     12 62       12 62     12 62       12 62     12 62       12 63     12 62       12 64     12 62       12 64     12 62       12 64     12 62       12 64     10 61 10       10 61 10     10 61 10       5 Gal     10 61 10	Mr.un     Water Depth Finiter:       5 Gal     Bails Dry? Yes (ki)       File     Bails Dry? Yes (ki)       ent / Purging (circle one)     13.60       12.62     12.62       12.62     12.62       13.60     13.60       13.60     13.60       13.60     13.60       13.60     13.60       13.60     13.60       13.60     13.60       13.60     13.60       13.60     13.60       13.60     13.60       13.60     13.60       13.60     13.60       13.60     13.60       13.60     13.60       13.60     13.60	What Volume ?	Not OK um = 0.163 gal/ft, 4" Diam = 0.653 gal/ft = 1.23 gallons, 2" Diam 0.153 * 3 casings * 10' screen = 4.89 gal
S 4 a l     Bails Dry? Yes (No) What Volume?       ent / Purging (circle one)     13.600       12.62     12.62       12.62     12.62       12.60     13.60       13.60     13.60       13.60     13.60       13.60     13.60       13.60     10.6/1.84       10.6/1.84     10.6/1.84	S 4 a I     Bails Dry? Yes (No) What Volume?       ent / Purging (circle one)     1500       1500     12.62       77.18     12.62       12.62     12.60       12.61     12.60       12.62     12.60       12.60     12.60       12.61     12.60       12.60     12.60       12.40     12.60       12.60     12.60       12.60     12.60       12.60     12.60       5.91,7     10.6/1.04       5.9a/I     5.9a/I	S 4 a I     Bails Dy? Yes (k)       ent / Purging (circle one)     13.60       12.62     12.62       12.62     12.62       12.62     12.62       12.62     12.62       12.62     12.62       12.62     12.62       12.62     12.62       12.62     12.62       12.62     13.60       13.60     13.60       10.6/1.84     10.6/1.84       5 3.97     5 3.91       6 for mation (complete if well is sampled)	What Volume ?	Not OK m = 0. 163 gal/ft, 4" Diam = 0.653 gal/ft = 1.23 gallons, 2" Diam 0.153 * 3 casings * 10' screen = 4.89 gal
Development / Purging (circle one)       Development / Purging (circle one)       Level       15.00       Level       12.62       Level       12.62       zivity       12.40       ature       10.6/1.04       ature       5 a.41	Development / Purging (circle one)       Development / Purging (circle one)       I Soo       Level       I Soo       Level       I Soo       Level       I Soo       Ativity       I Soo       Ativity       I Soo	Well Development / Purging (circle one)       Time     Isoo       Time     18.00       Vater Level     12.62       PH     72.62       Publicity     72.62       Disolved Oxygen in     10.6/1.04       Purge Volume     5 9.4/1       Vell Sampling Information (complete if well is samiled)	Explain: Casing Volumes: 1" Diam = 0.041 * 3 casings * 10' screen = 1 Purge Volumes: 1" Diam 0.041 * 3 casings * 10' screen = 1	um = 0. 163 gal/ft, 4" Diam = 0.653 gal/ft = 1.23 gallons, 2" Diam 0.153 " 3 casings * 10" screen = 4.89 gal
Development / Purging (circle one)           Level         1800           Level         12.62           Level         12.40           zivity         12.40           ziture         13.60           ature         13.60           od CR P         -18%           od Oxygen in         10.6/1/a4	Development / Purging (circle one)           Level         12.62           Level         12.62           zivity         12.62           zivity         12.62           zivity         12.62           divity         12.60           divity         12.60           divity         12.60           divity         12.40           divity         12.60           divity         12.40           divity         12.40           divity         12.40           divity         12.40           divity         20.1,24           divity         10.6/1,04           divity         5 divity	Well Development / Purging (circle one)       Time     Iso       Time     13.60       Water Level     12.62       PH     7.18       Conductivity     12.40       PH     7.18       Salinity     201.7       Unbidity     201.7       Disolved Oxygen in     10.6/1.84       Purge Volume     5.9.47	Casing Volumes: 1" Diam 0.041 • 3 casings • 10' screen = 1 Purge Volumes: 1" Diam 0.041 • 3 casings • 10' screen = 1	um = 0. 163 gal/ft, 4" Diam = 0.653 gal/ft. = 1.13 gallons, 2" Diam 0.153 * 3 casings * 10' screen = 4.88 gal
Level 12.6 Level 12.6 divity 12.4 ature 13.6 y 201. o.2 P -186 olume 5 9.9	Level 12.6 Level 12.6 ctivity 12.4 ature 13.4 v 201, cv2 P 188, cv2 P 188, olume 5 9.9	Time     18.00       Water Level     12.62       PH     72.62       PH     72.62       PH     72.62       PH     72.62       PH     72.62       Conductivity     12.40       Temperature     13.60       Salinity     201.7       Color     201.7       Color     201.7       Color     201.7       Disolved Oxygen in     10.6/1.04       Purge Volume     5.9.4/1       Purge Volume     5.9.4/1		
Level 12.6 zivity 12.4 ature 13.6 y 201. c/2 201. c/2 201. d Oxygen in 10.6	Level 12.6. divity 12.4 ature 13.6 y 201. c/2 P 18%. d Oxygen in 10.6	Water Level     12.62       pH     72.62       pH     72.62       Conductivity     12.40       Temperature     12.40       Temperature     12.40       Salinity     201.7       Color     201.7       Color     201.7       Color     201.7       Disolved Oxygen in     10.6/Lotf       Purge Volume     5.3.4		
ativity 12.4 ature 13.6 y 201. c/2 201. c/2 201.	式vity 7.2.1 ature 12.4 ature 13.6 のとろ 13.6 のしme 5.9.9	pH     7/8       Conductivity     12.40       Temperature     12.40       Temperature     13.60       Salinity     201.7       Color     201.7       Dissolved Oxygen in     10.6/1.04       Purge Volume     5.9.4/       Well Sampling Information (complete if well is samulad)		
ature 12.4 ature 13.6 y 201. c/2 201. d Oxygen in 10.6	ature 12.4 ature 13.6 y 201. c/2 201. c/2 201. d Oxygen in 10.6	Conductivity     12.40       Temperature     13.60       Temperature     13.60       Salinity     201.7       Disolved Oxygen in     10.6/1.04       Purge Volume     5 ga/		
rature 13.6 y 201. c/2 P -188. od Oxygen in 10.6	rature 13.6 y 201. c/2P 188. ed Oxygen in 10.6/	Temperature     13,60       Salinity     201,7       Turbidity     201,7       Turbidity     201,7       Solior     2186,6       Dissolved Oxygen in     10,6/1,84       Purge Volume     5 9,91		
y 201. c2 P 188. ed Oxygen in 10.6	y 201, 022 P -188, ad Oxygen in 10,6/	Salinity     こ       Turbidity     201.子       Color CR P     -188.6       Color CR P     -188.6       Dissolved Oxygen in     10.6/1.84       Purge Volume     5 0.91		
y 201, cRP 188, ed Oxygen in 10, 6/	y 201, CRP 188, ad Oxygen in 10, 6/ olume 5 g.a	Turbidity 201,子 Color CR P -188,6 Dissolved Oxygen in 10,6/1,84 Purge Volume ち 3.41		
СКР -188; ed Oxygen in 10, 6/ olume 5 3, 9	C/2 P - 1 88. ad Oxygen in 10, 6/ olume 5 9.9	Color Cス ア -1 88, 6 Dissolved Oxygen in 10, 6/109 Purge Volume ちゅり		
gen in 10.6/ 53a	gen in 10, 6/	Dissolved Oxygen in 10、6人/ッチ Purge Volume ち タッノ Well Sampling Information (complete if well is samnled)		
10 D	170 Q.1	Purge Volume ちゅん		
		Well Sampling Information (complete if well is samuled)		
Well Samular Jacobs and Street Stre		Decon Method: dedice ted tuding	Come la Munda	15105
ng Information (complete if well is sampled)	Samela Mumboo	1 8		
	Sample Number. Water Level Finish-	lethod: Ver, Runny	Field comments:	
Sample Number. Water Level Finish: Field comments:	Sample Number: Water Level Finish: Field comments:	vowed 16,2 +1		
Sample Number. Water Level Finish: Field comments:	Sample Number. Water Level Finish: Field comments:			. / -
Sample Number: MUIG- 2015 1421 Water Level Finish: Field comments:	Sample Number: MUIG- JOIS (JJJ) Water Level Finish: Field comments:			8 1001cs

Groundwater De	pths P	roject Name: D	ML
Project Number: 01-093	44-C Pag	And the second state of th	
Date: 4/20 - 4/		ther: er Information:	
Started: Completed:	Uth	er miormation.	
18/011	Depth '	fauffime	Notes
Well	7,68	0935	Field Dup Collected, FD1-12
MW15 MW10D	10,4		FICE Dap concerce, I DI F
	Ann and 1010 1000 men also \$250	1200	
MW10	- 7.02 12.56	1315	
MWIT	12.72)	1340	
MWIDD MW05	12.77		
	8.10	101545	
MW []	D. C		
MWOG	8.20'	0900	
MWOGD	8,33	0920	
MWOG	9.48		-
MWIH	9.15	1030	* Hex awome
MW07	8.96	1(30	Field Dup FD2-20160421
MWIG	15.24	1715	
MWIZ	12.14	1745	
MW08	11:38	1400	
			* From Top of PVC
Approved:		Sigr	ned:



		- נתר	BEL.			2 I
Chain of Custody Record	Collected by: Shurt Ug Le	Comments	Mitrart ) 12 Aurles		b sb se sr sn Ti Ti U V Zn Special Remarks: *Including PCP **With Barlum additionally	TAT → SameDay^ NextDay^ 2 Day 3 Day STD ¬Please coordinate with the lab in advance Page 1 of 2
WATER v.2 Laboratory Project No (Internol): Date:	Project Name:     Duwamish Marine Center       Project No:     01-0979-C       Collected by:     Collected by:       Location:     92.4.44       Report To (PM):     Stuart Hyde       PM Email:     54.4.44       SD = Sediment;     SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water				TAL Individuol: Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb TAL Individuol: Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Bromide O-Physphate Fluoride Nitrate+Nitrite Terceived after 4.00pm will begin b (A fee may be assessed framples are retained after lo days.) b (A fee may be assessed framples are retained after lo days.) D (A fee may be assessed framples are retained after lo days.)	x www.fremontanalytical.com
+3	6-LC		100	16/12 06/12	12-20160470 4/20 1315 alysis (Circle): MTCA-5 RCRA-8 Priority Pollutants alysis (Circle): MTCA-5 RCRA-8 Priority Pollutants align (Circle): M	Relinquistree MM 41/16 1451 Rélinquistred Date/Time

.

Distribution: White - Lab, Yellow - File, Pink - Originator

<b>Chain of Custody Record</b>		Collected by:			SW = Storm Water, WW = Waste Water			CONTINEND										41 Pb Sb Se Sr Sn Ti Tl U V Zn	ss Special Remarks: gin *Including PCP		C	TAT → SameDay^A NextDay^A 2 Day 3 Day STD
	Laboratory Project No (Internal):	C C C	Stuart Hyde		ound Water,	120		1	\ \ \ \	× / / / /	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	· · · · · · · · · · · · · · · · · · ·	× ×		~ ~ ~			Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr	Vitrite Turn-around times for samples received after 4:00pm will begin		Date/Time 1451	Date/Time
	°3	i i	Location: 4 Report To (PM): 5	PM Email:	SD = Sediment, SL = Solid, W = Water, DW = Drink	A CONTRACTION	A GO A STAN O A STAN	1111	~ ~ ~ ~ ~ ~	~ / / / / /	/ / / / /	~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~			<u> </u>			Al As B Ba Be Ca Cd Co	0-Phpsphate Fluoride Nitrate+Nitrite	samples are retained after 30 fays.)	N- 4/201	V (, <sup>[Dai</sup>
	WATE! Date:			Fax:	S = Soil,		Sample Type C. S.	GW - GW	~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~		1.1		1		1110			ollutants TAL Individual: Ag	Sulfate Bromide O-Ph	Disposal by Lab (A fee may be assessed I	Received	Received
	Altralytitaal N. Tel: 206-352-3790 Fax: 206-352-7178	G-Logics		Ë	ieous, B = Bulk, O = Other, P = Product,			0 h 21 ac/h ath	Shei ich Let	0201 11/1 1020	2210 04/1 0C)	tal Wai 1315	00K1 08/4 01	X	oter 16/14 1640			MTCA-5 RCRA-8 Priority Pollutants	Nitrite Chloride Su	Return to Client	4/21/16 1451	Date/Time
	3600 Fremont Ave N. Seattle, WA 98103	Client: 6	Address: City, State, Zip:	Telephone:	*Matrix Codes: A = Air, AQ = Aqueous,			Sample Name , MW (JD - Jo160 470	Le Hoglae - FILMA	16HODIOK-HIWIN	OCHOGIOE-SIMN +	s mult solbortal		Pri-onoeste "	1640910C-CO1 "	6	10	Metals Analysis (Circle):	***Anions (Circle): Nitrate	Sample Disposal:	Relinants of M	Relinquished

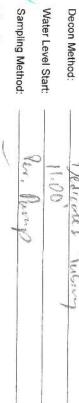
Page 1 of 2

www.fremontanalytical.com

Distribution: Whits - Lab, Yellow - File, Pink - Originator

Project Number: $\nabla (-0)$	01-0979-C	Date: L/	91/06/14		Weather:	Junary	Hor
Development / Purge Method:	Swer suge	Well Screen	(0)	080	Tidally Influenced?		
Logged By: 5M	3	Water Depth Start:	art:       00'		Field Comments:	ē.	
Purge Water Disposal Method:	Diam	Water Depth Finish:		8		1	
Purge Water Disposal Volume:		Bails Dry? Yes	es No What Volume?	7	Well Conditions:	E OK Not OK	
					Explain:		
Well Development / Purging (circle one)	/ Purging (circ	sle one)		Casing Volume Purge Volumes	in Gallons: 1" Diam = 0.041 g; :: 1" Diam 0.04 <mark>1 * 3 cas</mark> ings * 1	al/ft, 2" Diam = 0.163 gal/ 0' screen = 1.23 gallons,	Casing Volume in Gallons: 1" Diam = 0.041 gal/ft, 2" Diam = 0.163 gal/ft, 4" Diam = 0.653 gal/ft Purge Volumes: 1" Diam 0.041 <mark>*3 cas</mark> ings * 10' screen = 1.23 gallons, 2" Diam 0.163 * 3 casings * 10' screen = 4.89 gallons
Time	05/11	454	15 80	1505	1510		
Water Level	ا(,00	11.00	1.00,	11.00	11.002		
PH	7.00	7.00	6.79	6.74	46.7		
Conductivity	0.94%	5.937	0.932	10,729	\$75,0		
Temperature	14.19	13.76	213,42	13,50	ZN 21		
Salinity	0.60	0,60	0,60	09.60	0,59		
Turbidity ORP	235	-62.8	-62.0	- 62.5	0.59-		
Color	CIT	CIr.	CIC	212	C12		
Dissolved Oxygen in 🚀	14.4	9,1	7.4	6,2	K.		
Purge Volume	1 9A)						
		Contraction of the local division of the loc	THE R. LEWIS CO., LANSING MICH.			-	

Decon Method: Dedicate1 Tubicate1



Filter Type:

Water Level Finish: Field comments: Sample Number:

08409108-505NW

 $g \sim \log i cs$ 

4

1 10

Well Number:	MWOG	P	Project Name:	Dric		
1	0979-6	Date:	91/18/14		Weather:	her: Starry, Mild
Development / Purge Method:	Sures Swige	Well Screen Interval:	8	1 g) ot	Tidally	ly Influenced?
Logged By:	200	Water Depth Start	art		Field	Field Comments:
Purge Water Disposal Method:	Daw	Water Depth Finish:	nish:			
Purge Water Disposal Volume:		Bails Dry? Yes	es No What Volume?	2	Well	Well Conditions: OR Not OK
					Explain:	
				Casing Volume Purge Volumes	in Gallons: 1" Diar :: 1" Diam 0.041 * 3	Casing Volume in Gallons: 1" Diam = 0.041 gal/ft, 2" Diam = 0.163 gal/ft, 4" Diam = 0.653 gal/ft Purge Volumes: 1" Diam 0.041 * 3 casings * 10' screen = 1.23 gallons, 2" Diam 0.163 * 3 casings * 10' screen = 4.89 gallons
Well Development / Purging (circle one)	t / Purging (circ	le one)		0		
Time	50:01	0101	5101	120	1022	
Water Level	84.8					
рH	24.9	6.64	6.58	6.53	6.48	
Conductivity	0	2.234	2,394	2,485	2.561	
Temperature	12,15	11.96	12,15	56,11	11,8%	
Salinity	531	1.56	494	575	1.50	
Jurbidity GRP	265,2	14,492	268.3	269.3	542	
Color	Rustry	C)C	010	015	()	
Dissolved Oxygen in	61.7	52.2	40.2.	5.SH	36.4)	
Purge Volume						
Well Sampling Information (complete if well is sampled)	formation (comp	blete if well is	sampled)	Sample Number	lumber	MW306-30160-121
Water Level Start:	Per. Puny	0		Water Le Field con	Water Level Finish: Field comments:	
Filter Type: -	J					

g  $\sim$  logics Copyright G-Logics, well development, purging, sampling log form.vsd

	100.		Project Name:	5. F.MC		•
urge	S while an	Well Screen Interval:	Interval:	6	Tidally Influe	funcad?
Logged By: SV		Water Depth Start:	Start:		Field Comments:	nts:
Purge Water Disposal Method: 🕖	10m	Water Depth Finish:	Finish:			
Purge Water Disposal Volume:		Bails Dry? Yes	Yes (No) What Volume?	1e?	Well Conditions:	ns: OK Not OK
			9		Explain:	(
Well Development / Purging	Purging (cire	(circle one)		Casing Volur Purge Volum	Casing Volume in Gallons: 1" Diam = 0.041 gal/ft, 2" Diam = 0.163 gal/ft,  4" Diam = 0.653 gal/ft Purge Volumes: 1" Diam 0.041 * 3 casings * 10' screen = 1.23 gallons, 2" Diam 0.163 * 3 casings * 10' screen = 4.89 gallons	gal/ft, 2" Diam = 0.163 g ' 10' screen = 1.23 gallor
Time	51/13	1120	1125	05/I	1133	
Water Level	1011					
PH	2.16					
Conductivity	6.81	6.61	6:54	6.54	6.55	
Temperature	226.0	217:0	6,54	6.54	6.55	
Salinity	0. \ (m.)		6,54	6.54 11.24	6.55	
Furbidity OR?			0.60	6.54 11.24	9.58 0.453 6.55	
			-61.3 0.60 -61.54	6.54 0.852 11.24	-62.9 11.00 11.00 11.00 11.00 11.00	
		11.4		6.54 6.54 6.54	1.00	
Dissolved Oxygen in		12, 12, 12, 12, 12, 12, 12, 12, 12, 12,		6.54 6.54 6.54 11.32	0,001,001,00	

Dedicated

8.96

Water Level Finish: Field comments:

Tield 1449 9102 - 2010 CHA Inp FD2-20160421

 $g \approx \log i cs$ Copyright G-Logics, well development, purging, sampling log form.vsd

Sample Number:

Water Level Start:

Sampling Method:

Filter Type:

Decon Method:

Project Number: 0 -0979-0 Date: 4 /J1/16 Started: Completed:	Page of Weather: Other Information:							
Diary	OR C	Pg	00	Sel	Conduc	Temp	-11	
		ht:t	1.he/ 59'c	0126	1165,0	11465	1225	
	4	12,57	1:63/15:0	24.0	440	11.58	1340	
	2 - Q - Q	7.39	1,78/164	G	10.546	1.52	SH 21	
		7.29	1.130/11.5	0	0, 57 0, 57	1.44 4.44 4.44 4.44 4.44 4.44 4.44 4.44	1360	
Approved:		Sigr					· · · · · · · · · · · · · · · · · · ·	g-logics

Well Number: M	hood	Pro	Proiect Name:	DMC	
arrest a	7-6420-	Date:	21/18/1		Weather: Sausay wild
Development / Purge Method:	56265/ Grage	Well Screen Interval:	Z	to 18	Tidally influenced? 1 yes ?
Logged By:	Z.	Water Depth Start:	E 8.281		Field Comments:
Purge Water Disposal Method:	Vina	Water Depth Finish:	2		
Purge Water Disposal Volume:	5661	Bails Dry? Yes	No What Volume?		Well Conditions: OK Not OK
	1				Explain:
				Casing Volume in Gallons Purge Volumes: 1" Diam	Casing Volume in Gallons: 1" Diam = 0.041 gal/ft, 2" Diam = 0.163 gal/ft, 4" Diam = 0.653 gal/ft Purge Volumes: 1" Diam 0.041 * 3 casings * 10' screen = 1.23 gallons, 2" Diam 0.163 * 3 casings * 10' screen = 4.89 gallons
Time	t / Purging (cire	cle one)	200		
1 mile	0420	0156	5520	0900	
Water Level	6.25	1	1	1	
рH	6,73	6.35	6.13	94.9	
Conductivity	0,233	165.0 @	940,0	h+C.0	
Temperature	18:41	11.33	22.41	12,37	
Salinity	0,15	0.14	0,16	310	
Furbidity_ OKP	2,526	5,316	141	104,3	
Color	0/0	1	\		
Dissolved Oxygen in	t'45/225	3.42/32.0	1,98/18.6	2 31/451	
Purge Volume					
Well Sampling Information (complete if well is sampled)	formation (com	plete if well is s	ampled)		16100106-20111
Decon Method: Water Level Start:	T. JE'			<ul> <li>Sample Number:</li> <li>Water Level Finish:</li> <li>Field comments:</li> </ul>	

 $g \sim \log i cs$ 

Filter Type:

Sampling Method:

Project Number: $(91 \cdot 96776 - C)$	Date: 4/21/16	Weather: Science, Mild
Development / Purge Method: Swastarge	Well Screen Interval: 101 to 20	Tidally Influenced?
Logged By:	Water Depth Start: 8, 775	Field Comments:
Purge Water Disposal Method:	Water Depth Finish:	
Purge Water Disposal Volume:	Bails Dry? Yes No What Volume?	Well Conditions: OK Not OK
/		Explain:

## weil Development / Purging (circle one)

Time	0100	0100	2140	0620		
Water Level	1 2, 3, 2	1	1	1		
рН	6, 16	6,52	92.9	6.57		
Conductivity	0,423	0,454	15170	0,449		
Temperature	10,94	12.88	12,99	12.98		
Salinity	te.0	0.29	0.29	0,28		
Aurbidity OR ?	45.0	116	1012	4.9		
Color	cle	\ \	-			
Dissolved Oxygen in	7.53/77.0 1.73/16.4	1,73/16,4	011/211	1.9 9.6		
Purge Volume						

## Decon Method



1 = 100106 - OBOON

Sample Number:

Water Level Finish: Field comments:

Filter Type:

Copyright G-Logics, well development, purging, sampling log form.vsd

g-logics

Well Number:	MWIO	P	Project Name:	DMC	
Project Number: 0(-0979-0	2-10-6	Date: U	91/00/1		Weather: Survey Warne
Development / Purge Method:	SUCH / GULR	Well Screen Interval:	erval: 9 to	<u>[]</u>	Tidally influenced?
Logged By:	W	Water Depth Start:	IT: 7.02"		Field Comments:
Purge Water Disposal Method:	Drum-	Water Depth Finish:	lish:		
Purge Water Disposal Volume:	1 2556	Bails Dry? Yes	s (No) What Volume?		Well Conditions: OK Not OK
	Û ma				Explain:
				Casing Volume in Gal Purge Volumes: 1" Di	Casing Volume in Gallons: 1" Diam = 0.041 gal/ft, 2" Diam = 0.163 gal/ft, 4" Diam = 0.653 gal/ft Purge Volumes: 1" Diam 0.041 * 3 casings * 10' screen = 1.23 gallons, 2" Diam 0.163 * 3 casings * 10' screen = 4.89 gallons
Well Development / Purging (circle one)	t / Purging (cir	cle one)			
Time	h2)]	OHII	1145	1151	
Water Level	2.0J	1	ļ		
рH	14.9	29.9	49.9	6.64	
Conductivity	945,0	0,240	Sht'O	5400	
Temperature	14,13	12120	98'21	13,86	
Salinity	6.15	51.0	0,15	510	
Turbidity 6Rp	265.8	M6,4	1225	t 422	
Color	cleatedores	(	ſ		



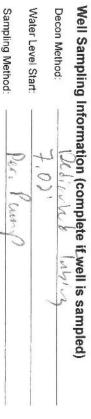
Purge Volume

Dissolved Oxygen in

14/9/21

5.18/50,1

2,10/49,4 4,93/48,0



Water Level Finish: Field comments:

MWO - 2016 0420

Copyright G-Logics, well development, purging, sampling log form.vsd

g-logics

Filter Type:

Sampling Method:

1

lime : 1200

Sample Number:

Well Number:	MWIOD	Pr	Project Name:		
Project Number: $O(-Oq \neq q - q)$	149-C	Date: 4/	4/20/16		Weather: Subing adapted
Development / Purge Method:	Swert Kunse	Well Screen	val: 14,5	5 60 01	Tidally Influenced?
Logged By:	44	Water Depth Start:	· (0,40)		Field Comments:
Purge Water Disposal Method:	Drum	Water Depth Finish:	-		
Purge Water Disposal Volume:	3961	Bails Dry? Yes	No? What Volume?	7	Well Conditions: (6K) Not OK
Well Development / Purging (circle one)		le one)		Casing Volume in C Purge Volumes: 1	Casing Volume in Gallons: 1" Diam = 0.041 gal/ft, 2" Diam = 0.163 gal/ft, 4" Diam = 0.653 gal/ft Purge Volumes: 1" Diam 0.041 * 3 casings * 10' screen = 1.23 gallons, 2" Diam 0.163 * 3 casings * 10' screen = 4.89 gallons
Time	it / Purging (circ	1			
Water Level	It / Purging (circ	100	1115	1120	
рH	t / Purging (circ (106 (こ, りょ)	1110	1115	1120	
Conductivity	11 Purging (circ (106 (0, 42) 6, 53	6.46	6.46	1120 1120	
	1.1 Purging (circ (1.106 (10, 42) (10, 42) (10, 42) (10, 42) (10, 42) (10, 42)	1110 	9450  	91243 01243	
Temperature	t / Purging (circ (106 (0, 4) (0, 53 (0, 53 (0, 54) (1) (1)	1110 6.46 0,240 17,86	13,89	13,89 13,89 1120 1120	
Temperature Salinity	11 Purging (circ (0, 42) (0, 53 (0, 53 (1, 14) (1, 14) (1, 14)	0,15 0,240 13.86	0.15 0.342 13,89 13,89	0,15 13,89 13,89 13,043	
Temperature Salinity <del>Turbidity</del> ⊘∕R ∲	11 Purging (circ (0, 42) (0, 53 (0, 53 (0, 54 (14, 14 (14, 14 (14, 14 (14, 14) (5), 6	1.11) 11.0 12.86 12.86 12.86 12.86	13,89 14,80 15,800	86.6 13.89 13.89 13.89 13.89	
v atu	11 Purging (circ (0, 42' (0, 42' (0, 53 (0, 53 (0, 54 (14, 14 (14, 14 (14, 14 (14, 14 (5), 6 (5), 6 (5), 6	1110	13,89 13,89 13,89 13,89	, 13,84 13,84 13,84 13,84 13,84 13,84 11,00	

Well Sampling Information (complete if well is sampled)

Water Level Start: Decon Method: 10.42 Per Rose

Water Level Finish: Field comments:

MIJION- 20160420 Time: 1125

Copyright G-Logics, well development, purging, sampling log form.vsd

g-logics

Sample Number:

Purge Volume

205

Filter Type:

Sampling Method:

Well Number:	MWII	Pr	Project Name:	しろつ	
Project Number: 01-0979-C	19-C	Date: 4	91100/14		Weather: Sugar, Val
Development / Purge Method:	Swelfunge	Well Screen Interval:	$\infty$	8 01	Tidally Influenced?
Logged By: 5M	-	Water Depth Start:	t 8,10	-	Field Commente:
Purge Water Disposal Method:	Bruss	Water Depth Finish:			
Purge Water Disposal Volume:	115601	Bails Dry? Yes	No What Volume?		Well Conditions: DK Not DK
	1				0
Well Development / Purging (circle one)	t / Purging (circ	le one)		Casing Volume in Ga Purge Volumes: 1" D	Casing Volume in Gallons: 1" Diam = 0.041 gal/ft, 2" Diam = 0.163 gal/ft, 4" Diam = 0.653 gal/ft Purge Volumes: 1" Diam 0.041 * 3 casings * 10' screen = 1.23 gallons, 2" Diam 0.163 * 3 casings * 10' screen = 4.89 gallons
Time	0251	1530	0451	1245	
Water Level	2, (D)			١	
рH	H2:2H	7.34	7.34	H2'2H	
Conductivity	11.0841	4,160	6 LATIN	1106	
Temperature	12.10	12.05'	80.8	(2,03	
Salinity	2.94	2,00	2.00	201	
Turbidity ORP	12.6	9.H	(ð. 1	9.0	
Color	deer tolorees	ł	٢	1	

Well Sampling Information (complete if well is sampled)

Purge Volume

Dissolved Oxygen in

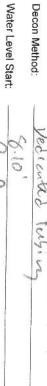
6.79/7.4

2 G

5 2

e's 1550

0,41/3,9



MW11 - 20160420

Sample Number:

Filter Type:

1

Sampling Method:

Ver Mumy

Water Level Finish: Field comments:

 $g \sim logics$ 

Well Number:     Mult     Project Name:       Project Number:     01-0976-C     Date:     U/20/16       Development / Purge Method:     Stark/Suse     Well Screen Interval:     7.5. tr       Logged By:     5H     Water Depth Start:     13.56.*       Purge Water Disposal Method:     Druce     Water Depth Finish:	e: DMC Weather: S
N L	5 Field Comm
	Explain:

en = 4.89 gallons

### Well Development / Purging (circle

	Purge Volume	Dissolved Oxygen in 🔏	Color	Turbidity ORP	Salinity	Temperature	Conductivity	рH	Water Level	Time
С	) april )	202	Chr	-46.6	0.83	12.00	1.222	6.66	12.56	0501
2	1.22	L.	C,	149.6	0,63	11.77	1.216	6.59	12.56	12.55
		4,1	C'	49.7	0.83	11.71	1.214	6.69	12.56	100
		3.9	(1,	-567	0.83	11.64	(.21)	050	12,56	200
0	2.050/	5,2	10 10	245	0.72	ht.11	1.211	6.70	12.56	0 18/

## Well Sampling Information (complete if well is sampled)



Filter Type:

ショー アシノーシー・ しんしつ

Water Level Finis Field comments:

Sample Number

hubin

	ī	
_		
-		0
5		ç
	1	
	1	2

C

	ŝ	cb	1
	-	S	
	0	Ga	
	an	0	
	0	ns	
	2	-	
	Ξ		
	ŵ	iar	
	Ca	3	1
	ş.	0	1
	ŝ	04	1
		-	1
	ą	al	I
	ŝ	,≢	1
	5	N	I
	3		1
		an	
	N		
	ω C		
	2	5	1
	8	0	1
	ŝ	al la	1
	Ŋ	5	1
		4	1
	ĩ	₽.	i
	0	am	1
	5	11	1
	*	0.6	1
	4	55	1
	ž	9	ł
	ŝ.	alifi	1
4	S	re in Gallons: 1" Diam = 0.041 gal/ft, 2" Diam = 0.163 gal/ft, 4" Diam = 0.653 gal/ft	1
	*		
	ę		1
	ŝ		
	s: 1" Diam 0.041 * 3 casings * 10' screen = 1.23 gallons, 2" Diam 0.163 * 3 casings * 10' screen		

(and
Casing Volume in Gallons: 1" Diam = 0.04 Purge Volumes: 1" Diam 0.041 * 3 casings

Copyright G-Logics, well development, purging, sampling log form.vsd

g-logics

ish:	- VILVID- 0
	0160720

	-
	0,2
<	R
	-
	1

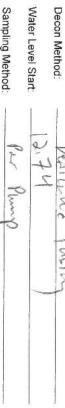
en c	Purge
	Purge Volumes: 1" Diam 0.041 * 3 casings * 10' screen = 1.23 gallons, 2" Diam 0.16
	041 * 3 casings * 10
	)' screen = 1.23 ga
	llons, 2" Diam 0.163 *

Well Number: Mulai	Project Name: DMC	
Project Number: CC - OJ79-C	Date: 4/20116	Weather: Sciller, Sch
Development / Purge Method: Juse / Surge	Well Screen Interval: 15 to 30	Tidally Influenced?
Logged By:	Water Depth Start: 12,74	Field Comments:
Purge Water Disposal Method: Quart	Water Depth Finish:	
Purge Water Disposal Volume:	Bails Dry? Yes No? What Volume?	Well Conditions: OK Not OK
	0	Explain:
	Casing Volume in Gal	Casing Volume in Gallons: 1" Diam = 0.041 gal/ft. 2" Diam = 0.163 gal/ft. 4" Diam = 0.653 gal/ft

## Well Development / Purging (circle one)

	12:1	1 4 1 1		1 (10) (10) (10) (10) (10) (10) (10) (10		_
IIme	5151	1526	1221	1-346		
Water Level	ht ??	١	١			
рН	6.47	6.42	6,4)	6,41		
Conductivity	Z2h'9	6, 47)	64, 40	SCH 0		
Temperature	13.0%	13,15	40.51	20.21		
Salinity	3.6.0	t C '0	48.0	t + + 0		
Turbidity ORYP	-13.7	6.66-	H. + C	t'te-		
Color	Clea Koloriess		1	١		
Dissolved Oxygen in	916/20 12/25:0 2 m/05:0	1.57,0	9.6126.0	2. c/he 0		
Purge Volume						

# Mell Sampling Information (complete if well is sampled)



#### Water Level Finish: Field comments:

MU120-20160420

Filter Type:

1

Sampling Method:

Purge Volumes: 1" Diam 0.041 \* 3 casings \* 10' screen = 1.23 gallons, 2" Diam 0.163 \* 3 casings \* 10' screen = 4.89 gallons

Copyright C-Logics, well development, purging, sampling log form.vsd

g-logics

Sample Number:

Well Number:	EIMN	9	Project Name:		
Project Number: 04-0979 -	7-61	Date: U	131/16		Weather: Survey Warns
Development / Purge Method: $5$	Swelf Surge	Well Screen Interval:	to	<u>d</u>	Tidally Influenced?
Logged By: $\leq \nu$ {		Water Depth Start:	tart: 13.14		Field Comments:
Purge Water Disposal Method:	Drun	Water Depth Finish:			
Purge Water Disposal Volume:		Bails Dry? Yes	es (No) What Volume?		Well Conditions: OK Not OK
			(		Explain:
Well Development / Purging (circle one)	/ Purging (cir	cle one)		Casing Volume in ( Purge Volumes: 1"	Casing Volume in Gallons: 1" Diam = 0.041 gal/ft, 2" Diam = 0.163 gal/ft,  4" Diam = 0.653 gal/ft Purge Volumes: 1" Diam 0.041 * 3 casings * 10' screen = 1.23 gallons, 2" Diam 0.163 * 3 casings * 10' screen = 4.89 gallons
Time	0101	0281	9261	1275	
Water Level	12.14	(	ſ	1	
PH	6.64	6.63	6,63	6.62	
Conductivity	1, (81	84)')	841'I 100	8411	
Temperature	11,60	ال، < ٥	11,44	11.45	
Salinity	12,0	0.81	0.81	0.2	
Jurbidity OVRY	-471	- 56.9	-58.6	t,85-	
	11				

Provencies and

#### Decon Method: Delicate Tabing Decon Method:

Color

Purge Volume

Dissolved Oxygen in

£'22/92'E 410

2.86/26.4 1

310/28.6 ŕ

978/310

1

(	Filter Type:
Per Yamer	Sampling Mathad.
	vvater Level Start:
12.14	

Water Level Finish: Field comments:

Sample Number:

MW13- 20160421

Copyright G-Logics, well development, purging, sampling log form.vsd

g~logics

Project Number: $O(*OG7g-$		Date, 77	91/10/14		Weather:
Development / Purge Method:	Swaly Gure	Well Screen Interval:	val: 5 to	51	Tidall. Instance of
Logged By:		Water Depth Start:	9,15"		Finally influenced
Purge Water Disposal Method:	Var	Water Depth Finish:	- I		rield Comments:
Purge Water Disposal Volume:	2.5 541	Bails Dry? (Yes)	No What Volume?	3 441	Well Conditions: OK
					Explain:
Well Development / Purging (circle one)	t / Purging (ci	cle one)		Casing Volume in Gallons: 1" Diam = 0.041 gal/ft, 2" Diam = 0.163 gal/ft, 4" Diam = 0.653 gal/ft Purge Volumes: 1" Diam 0.041 * 3 casings * 10' screen = 1.23 gallons, 2" Diam 0.163 * 3 casings * 10' screen = 4.89 gallons	lons: 1" Diam = 0.041 gal/ft
Time					am 0.041 * 3 casings * 10' s
Water Level	1030	Ohal	1050		am 0.041 * 3 casings * 10' s
	1.15,	OhOl	1050		am 0.041 * 3 casings * 10's
рН	6.63	1040	1050		am 0.041 * 3 casings * 10's
pH Conductivity	50.5 27.9 21.6	2,8,2 1,9.9	6,65		am 0.041 * 3 casings * 10's
pH Conductivity Temperature	13:01 13:02 13:02 13:02 13:02	13.63 13.63 13.63	19.01		am 0.041 * 3 casings * 10's
pH Conductivity Temperature Salinity	10.21 10.21 12.02 1.25 2.52 2.12 2.12	97.6 19.63 19.63 19.63	25.6.5 19.01 5.9'9 5.9'9 5.9'9 5.9'9		am 0.041 * 3 casings * 10's
pH Conductivity Temperature Salinity Turbidity ⊘⊉?∕	6:34- 4:021 10:21 55:2 55:2 55:1 02:01	-44.6 2.833 13.63 13.64 13.65	5.25. 29.9 59.9 59.9		am 0.041 * 3 casings * 10's
y atu	7/7 4:34- 4:21- 10:61 10:61 10:61 55:6 55:6 55:6	1040 13.63 13.64 13.65	5:25. 25.05 29.9 29.9		am 0.041 * 3 casings * 10's
uctivi oeratu ty ty	25/27 4:34- 4:34- 10:21 10:21 25:25 25:25 25:21 25:21 25:21	16-1	1.11/6/1 5.25 5.26 & 5.99 5.99 5.99 5.99		am 0.041 * 3 casings * 10's

Well Sampling Information (complete if well is sampled) Water Level Start: Decon Method: 1215

Water Level Finish: Field comments:

lake housed dark

say wes

otton

of Screen

MUSIN- 20160421

Sample Number:

Copyright G-Logics, well development, purging, sampling log form.vsd

g-logics

4

2

Filter Type:

Sampling Method:

Per

Con

Well Number:	MWIS		Project Name:	DMC	
Project Number: 01-0949-	7-bt	Date:	91/0C/H		Weather: Sauny Jara
Development / Purge Method:	westfarse	Well Screen Interval:		8 of	Tidally Influenced?
Logged By: 5H		Water Depth Start:	tart: 7.68		Field Community.
Purge Water Disposal Method:	Drun	Water Depth Finish:	- 1		
Purge Water Disposal Volume:	2.5 1.1	Daile Daia	0		
	011 601	Balls Dry? Y	Yes No) What Volume?	2	Well Conditions: OK Not OK
					Explain:
				Casing Volume in Ga Purge Volumes: 1" D	Casing Volume in Gallons: 1" Diam = 0.041 gal/ft, 2" Diam = 0.163 gal/ft, 4" Diam = 0.653 gal/ft Purge Volumes: 1" Diam 0.041 * 3 casings * 10' screen = 1.23 gallons, 2" Diam 0.163 * 3 casings * 10' screen = 4.89 gallons
	0				*
Time	010	0420	0560	55 601	
Water Level	7.68	Temper	(		
рH	6,78	6.26	6.34	82.7	M
Conductivity	0,340	0.339	0.339	0.339	
Temperature	12.65	10,98	12,99	15:27	
Salinity	0,21	10,01	0,21	16.0	
Leading DAP	(35.2	hiesl	129,0	146,8	
Color	alectedotes	5.5	11	7. 14	
Dissolved Oxygen in	3,02/28,4	5.02/19.3	1,47/H.6	1.11/10.6	
Purge Volume	2.5401				

 Well Sampling Information (complete if well is sampled)

 Decon Method
 Alcourd

Sampling Method:	Water Level Start:	
Ver. Kaung	7.68 0 0	7/

Filter Type:

1

Water Level Finish: Field comments:

MW15-20160430 Time 0935 (Dr- 10160420 (dup)

Copyright G-Logics, well development, purging, sampling log form.vsd

g~logics

Sample Number:

Daily Field Notes Proj	ect Name: D	MC	/										
Project Number:	Page of								_	-			
Date: 4/21	Weather: Sunny	Warn											
Started:	Other Information:		-										
Completed:													
		1	1			1							
Diary		Purse	8	(0) c	ORP	UI S	lemp	Conc.	tot	Le.	H.		
					1-1-	101				+	1		
		0	7/2.52	BACK	90,1	24	12.04		22 2		300		
				2 B								··· ·· ·	
			16.91	0	-96	5 Ti	11/22	76	7.3		130		
			3		10		ļΝ.	623	-0		R		
			H-3	5	5	L'A	2	H	2:4	<u> </u>			
		_	149	2	4166	44	キャ	6-	N		07	i i sui se	-
			13	C		In	=	2	- The				-
	·····		54/1/8	2	98.4	1-4-	B	165%	132		20-		_
		N			1,	5					-		-
		19	14.3/1	5	10 F-	14	CC-	759	233		325		-
			HA		2						1		_
						+			-+	1	+		-
							[]						
				-									
					-								
												· · · · · · ·	
				i.									
	- 1977 ann 1989 1979 1970 1974 ann 1998 1974 an												
Approved:	S	igned	: _			· ·					g-k		

The second secon

Copyright G-Logics, daily field notes.vsd

							U	atch-Basin	Sediment	Catch-Basin Sediment Sample Form	E		- 1
		Project Name: Duwamish Marine Center Project Number: 01-0979-8 Date: 6/28/2016 Page: 1 of 1	Varme: Duwamish Ma mber: 01-0979-B Date: 6/28/2016 Page: 1 of 1	arine Center									g-logics
	Catch Basin ID	ID Sample Name	Date Collected	Date Collected Time Collected	Depth to Bottom (ft)	Depth to Bottom Depth to Water (ft) (ft)	Depth to Sediment (ft)	Sediment Thickness (ft)	Catch Basin D(mension (in)	Sediment Trap Present (Y/N)	Water Present (Y/N)	Old	ObservationsNotes
	CB01*	CB01-20160628		1900	0.47	0.50					7-	2	1.040
	CB02	CB02-20160628 -CB03-20160628	6/28/2016 6/28/2016	1135	2.03	7,741	5.03'	Ney		12	12-	()	Sill Sin Ner and to Generater Condring
	CB04*	-CB04-20160628-		1055	0.97	0	0.971	Nes	$\langle$	7	S.	1	NEW, Sound
	CB05 CB12	GB05-20160628 CB12-20160628	6/28/2016	105	3.38'	26.1	0.07	0.00		22	5-2	13	2.6.1
	Comments:	1000	n					3 <b>0</b> 1					ic delse
	Notes:			0									
	•	Depth to Water, Depth to Sediment, and Sediment Thickness Measured in Sediment Trap	epth to Sedimer	nt, and Sedime	nt Thickness M.	easured in Sedi	ment Trap					. 6	
		Neg		Neglige Sle	Ste					1		P	
	SLACT		6/391			ø		Prever Flor manager			5-	1	Tencicssible due to Rumps in CB
	1401		Bel P		,	1		l enerskambrunde	n na ser na s Na ser na ser		,		Innecessible but to aveile activities
	1400		125/2			63(	499	0,01	<		2-	)	Not every to lost
	F80	Ct.	7)00 1		00.	-	Contraction of the local division of the loc	and and a second			5		
	100	0			-	147		-	a contraction of the second se	Z	-		
	10									5			
										the state	5		
i de la compañía de l La compañía de la comp										à	die		
	14								1				
									À				
									1				

Ų.

Daily Field Notes Proj	ect Name:
Project Number:	Page of
Date:	Weather:
Started:	Other Information:
Completed:	
CBOS - " CBOS - " CBIJ - Just en chengh s SCOCI - Tricd to Cpurps, scoild, catch Jusin CBOG Incore & CSAM	
(30) Could by	
Jampie a 	ellected, Not anongly sediment for ze or PID
Approved:	

Copyright G-Logics, daily field notes.vsd

Diff       Diff <thdif< th="">       Diff       Diff       &lt;</thdif<>	Fremont	ont				0	hain	ofC	usto	dy R	ecord	and	Labo	ratory	Servi	ces Ag	Chain of Custody Record and Laboratory Services Agreement
Mont Motols     Tel: 206-332-3790       With 90103     Tel: 206-332-3790       Motol 90103     Tel: 206-30104       Motol 90103     Tel: 206-30104       Motol 90103     Tel: 206-30104       Motol 90103     Tel: 206-30103       Motol 90103     Tel: 206-30104       Motol 90103	Ama	Sunaria							Ď	ate:	11/901		Lab	oratory Project	No {internal}:		
A. Direction     Frequencies       octation     as and the propertition       e.e.     Frequencies       e.e.     Frequencies <th></th> <th>06-352-3790</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th>arch</th> <th>X.t.</th> <th>Page</th> <th>1.1</th> <th></th> <th>1</th> <th></th>		06-352-3790									arch	X.t.	Page	1.1		1	
te: Tech i de la construction de	1-9		"U"	He.	3		Proje	sct No: sct No:		1	5-5		Collecte	tby:	H Par	yde	
ne:     FAI:     Port Fail:       F::     F::     F::     F::     F::       F::     F::     F::     F::     F::     F:: <th>City, State, Zip:</th> <th>N N</th> <th>X</th> <th></th> <th></th> <th></th> <th>Repo</th> <th>rt To (PN</th> <th>   </th> <th>Struct</th> <th>HA</th> <th>g.</th> <th></th> <th></th> <th></th> <th></th> <th>11</th>	City, State, Zip:	N N	X				Repo	rt To (PN		Struct	HA	g.					11
Image: Simple		Bulk O = Other	Fax:		SD = Sertin	10	I Md	mail:	At = Drinki	Mater	M - Ground		V - Storm 14		Mator Mator		
ame     sample						1		43 JUL	CONTRACTOR		6 002 020						
Difference     Difference <td>Sample Name</td> <td></td> <td></td> <td>Sample Type Matrix)*</td> <td>483 507</td> <td>1/3</td> <td>Surge Solution</td> <td>TO LA SOLUTION</td> <td>Co Lasser</td> <td>ADD SEPAN</td> <td>1. 101 1 10 10 10 10 10 10 10 10 10 10 10</td> <td></td> <td><math>\mathcal{D}</math></td> <td>/</td> <td>Con</td> <td>ments</td> <td></td>	Sample Name			Sample Type Matrix)*	483 507	1/3	Surge Solution	TO LA SOLUTION	Co Lasser	ADD SEPAN	1. 101 1 10 10 10 10 10 10 10 10 10 10 10		$\mathcal{D}$	/	Con	ments	
Image: Second	2813-20160635	6/281		25	×	x	X	XX	×	~	×	X		d			
Determine     Determine     Determine     Determine     Determine	6301-2016063	16 1	100	20	×	X	X	XX	X	>	×	2					
Description     Description     Description     Description     Description																	2
Date/Time     Date/Time     Date/Time						1											
Date/Time     Bit of the Client and backside of this Agreement.     Date/Time       Date/Time     Advisition     Advisition     Date/Time															1		
Image: Second																	
Image:																	
nalysis (Circle):       MTCA-5       R.CRA-8       Priority Pollutants       TAI.       Individual:       Ag A S B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb         Circle):       Nitrate       Nitra					1												
nalysis (Circle):       MTCA-5       RCA-8       Priority Pollutants       TAL       Individual:       As       B       B       B       Ca       Co																3	
allysis (Circle):       MTCA-5       RCA-8       Priority Pollutants       TAI.       Individual:       As       B       Ba       Be       Ca       Ca       Co       Ca       Fe       Hg       Mn<       Mo<       Na       Ni       Pol         Circle):       Nitrate       Nitrite       Chloride       Sulfate       Bromide       O-Phosphate       Fluoride       Nitrate+Nitrite       Turm-around times for samples         Circle):       Nitrate       Nitrate+Nitrite       Chloride       Sulfate       Bromide       O-Phosphate       Fluoride       Nitrate+Nitrite       Turm-around times for samples         Observation       B       B       Return to Client       Disposal by Lab (Samples will be held for 30 days unless otherwise noted. A fee may be       On the following business day.         It hat 1 am autihorized to enter into this Agreement.       Received       Austrate for the Client named above, that I have verified Client's         Date/Time       N       N       Date/Time       Date/Time       Date/Time	0																
Circle):         Nitrate         Nitrate         Nitrate         Nitrate         Nitrate         Nitrate         Turn-around times for samples           osal:	MTCA-5	~	ity Pollutan	2	Indivic	10000	As	Be Ca	3	Cu Fe		n Mo Na	Ni Pb Sb	Se Sr Sn	> 0		
Disposal by Lab (Samples will be held for 30 days unless otherwise noted. A fee may be assessed if samples are retained after 30 days.) assessed if samples are retained after 30 days.) nto this Agreement with Fremont Analytical on behalf of the Client named above, that I have verified Client's t and backside of this Agreement. Received Beceived Beceived Back/Time Back/T	Nitrate	Chloride	Sulfate	Bromic	te 0-	Phosphate	Fluori	de N	litrate+Nit		n-around tin	nes for sam		cial Remarks:			
I that 1 am authorized to enter into this Agreement with Fremont Aualytical on behalf of the Client named above, that 1 have verified Client's to each of the terms on the front and backside of this Agreement.  Received  Date/Time Date/D	sample Disposal: Clik	ent Dis	posal by Lat essed if sam	) (Samples v Iples are ret	vill be held ained after	for 30 days 30 days.)	unless othe	rwise note	d. A fee m		the following	t business d	ay.				
MM Date/Time TSS Received C Date/Time 72,5 bate/Time Bate/Time 72,5 Date/Time Date/Time	I represent that I am authorized to ente agreement to each of the terms on the fr	r into this Agruout and backsid	cement wil	th Fremon Agreement	t Aualyti		alf of the	Client na	med abo	ve, that I h	ave verified	t Client's					
Date/Time Received Date/Time	telinquished MM Date	/Time 13	58			red		03	Le Date	/Time	12	20					(
		/Time			Receiv	/ed			Date,	/Time			TAT	→ SameDay'	<ul> <li>NextDay<sup>A</sup></li> </ul>	2 Day 3 Day	STD
APlease coordinate with the lab in advance													APle	ase coordinate wi	th the lab in adv	vance	

COC 1.1 - 4.5.16 - 1 of 2

Well Sampling Information (complexity of the start)         Decon Method:         Water Level Start:         Sampling Method:         Filter Type:         Filter Type:         Stream Australia	Purge Volume	Dissolved Oxygen in	Color	Turbidity	Salinity	Temperature	Conductivity	pH	Time	Well Development / Purging (circle one)		Purge Water Disposal Volume:	Purge Water Disposal Method: 17/000	1	Development / Purge Method:	Project Number: 01.0979~	mber:
Well Sampling Information (complete if well is sampled)         Decon Method:         Water Level Start:         Sampling Method:         Filter Type:         Groun Australia 1533 45         Simplify 153 45				~				14.85		urging (circle one)		Bails Dry? (Yes) No What Volume?	Water Depth Finish:	Water Depth Start: 14, C	Ory 3 fores Well Screen Interval:	V-1 Date:	AULTY Project Name:
Sample Number: Water Level Finish: Field comments:										Casing Volume in Gallons: 1" Diam Purge Volumes: 1" Diam 0.041 * 3 ce	Explain:	0			to		ne: Omic
MUOS-20160915 Well van dag inwedietelg Aug beher in bottom of asing Aug Nut en og harten to gerby Aug Selogics										Casing Volume in Gallons: 1" Diam = 0.041 gal/ft, 2" Diam = 0.163 gal/ft, 4" Diam = 0.653 gal/ft Purge Volumes: 1" Diam 0.041 * 3 casings * 10' screen = 1.23 gallons, 2" Diam 0.163 * 3 casings * 10' screen = 4.89 gallons		Well Conditions: OK Not OK		Troany milluenced? (2)	man Alexand ( ) Estimate	5 11 1	

Project Number: 979		Date: 9/1	9/14/16		Weather:	NIVINIS 30UL	
Development / Purge Method:		Well Screen Interval:	terval:	to	Tidally b	Yr<	
Logged By:		Water Depth Start:	lart		Elald Co		
Purge Water Disposal Method:		Water Depth Finish:	nish:		Field Co	Comments:	
Purge Water Disposal Volume:		Bails Dry? Y	Yes No What Volume?	e?	Well Conditions:	nditions: OK Nat OK	
					Explain:		
Well Development (Purging (circle one)	Purging (cir	cle one)		Casing Volume Purge Volume	e in Gallons: 1" Diam = I s: 1" Diam 0.041 * 3 casi	Casing Volume in Gallons: 1" Diam = 0.041 gal/ft, 2" Diam = 0.163 gal/ft, 4" Diam = 0.653 gal/ft Purge Volumes: 1" Diam 0.041 * 3 casings * 10' screen = 1.23 gallons, 2" Diam 0.163 * 3 casings * 10' screen = 4.89 gallons	ı = 0.653 gal/ft 163 * 3 casings * 10' screen = 4.89 g
Time	426	941	and	97)	or.		
Water Level	10,94		-	1.01	011	1000	
рН	120	huh	121	121		- ) )	
Conductivity	0056	1828	1429	1340	4.27	0,01	
Temperature	14.6	14.6	14,5	14 <	ib r	12	
Salinity	1	l	1				
Turbidity	006	117	51.3	2.45	25.0	0. V	
Color	LIEAR BROWN *	CLEAR	LIEAN	CUTAP	LLEAR	(UKA)	
Dissolved Oxygen in 2	1.631	1.11	0,86	6.87	t.t.U	40 C	
Purge Volume					01		
ORP	95-	-52	:55	-26	44		
* BROWN SEDIMENT	ENT FLOWING	INTERMITENTY	wy				
Well Sampling Information (complete if well is sampled)	ormation (comp	lete if well is a	sampled)		PAX.		
Water Level Start	10,04				1.	20. 2012 O H-1	
	LOW-FLOW DEAN	PERISTALTIC		Field comments	ments:		

1

 $g \sim \log cs$ 

Date: 9/12		Weather:	Guida
Well Screen Inte	erval: to	2	
Water Depth Sta	art:	Field Comments	
Water Depth Fin	vish:		
Bails Dry? Ye	No		Norox
			-
(circle one)		Casing Volume in Gallons: 1" Diam = 0.041 gal/tt, 2" Purge Volumes: 1" Diam 0.041 * 3 casings * 10' scree	Casing Volume in Gallons: 1" Diam = 0.041 gal/ft, 2" Diam = 0.163 gal/ft, 4" Diam = 0.653 gal/ft Purge Volumes: 1" Diam 0.041 * 3 casings * 10' screen = 1.23 gallons, 2" Diam 0.163 * 3 casings * 10' screen = 4.89 gallons
1150	ווגר		
	-		
869	850		
1559	ta 531		
16. 4	C.41		
4.9	দ্ ব		
Tor	D.C.		
961.	201-		
omplete if well is s	sampled)	Sample Number: Water Level Finish: Field comments:	
	thumber: $Mater Olyposal Wethod:       Date:       Mill Screen hite         water Disposal Volume:       Water Deph St.       Water Deph St.         Water Disposal Volume:       Intro Circle one)         Time       Intro Circle one)         Time       Intro Circle one)         Vater Deph St.       Bails Dry? Yee         Water Disposal Volume:       Intro Circle one)         Water Disposal Volume:       Intro Circle one)         Time       Intro Circle one)         Time       Intro Circle one)         Time       Intro Circle one)         Vater Level       Intro Circle one)         Ph       Intro Circle one)         Discolutivity       Intro Circle one)         Turbidity       Intro Circle one)         Salinity       Intro Circle one)      $	ell i	4 1 2 1 2 1 1 Volume?

 $\mathcal{G} \sim \log \mathcal{G}$  Copyright G-Logics, well development, purging, sampling log form.vsd

here and here here here here here here here her	and the second state of th		· · · · · · · · · · · · · · · · · · ·	-			
Project Number:		Date: 9/15	5/16		Weather:		
Development / Purge Method:		Well Screen Interval:	erval:	to	Tidellu Influencedo		
Logged By:		Water Depth Start:	art: 13.59		many mineticed.		
Purge Water Disposal Method:		Water Depth Finish-			Field Comments:		
Purge Water Disposal Volume:		Daile Dava Va					
		Balls Dry? Yes	is No What Volume?	2	Well Conditions: OK	Not OK	
					Explain:		
Well Development / Purging (circle one)	it / Purging (circ	le one)		Casing Volume in Purge Volumes: 1	Casing Volume in Gallons: 1" Diam = 0.041 gal/ft, 2" Diam = 0.163 gal/ft, 4" Diam = 0.653 gal/ft Purge Volumes: 1" Diam 0.041 * 3 casings * 10' screen = 1.23 gallons, 2" Diam 0.163 * 3 casings * 10' screen = 4.89 gallons	ım = 0.163 gal/ft,  4" Diam = 0.1 = 1.23 gallons, 2" Diam 0.163 •	153 gal/ft 3 casings * 10' screen = 4.8
Time	1208	12:12	12 18	2001	į.		
Water Level	13,59			F	arti		
рH	6.53	6.56	619	14.9			
Conductivity	337,6	326.5	326.2	N.			
Temperature	16.7	16.6	<u>_</u>	16.4			
Salinity OPU	-7.3	5.7~	641	54-			
Turbidity	t:2	11.2	w 5	3.4			
Calor	CIC	27	207	CIS.			
Dissolved Oxygen in	20,6/1.79	131/186	15.4/1.5	15.7/53			
Purge Volume		1		1			
Well Sampling Information (complete if well is sampled) Decon Method:	ormation (comp						
		lete if well is s	sampled)	Sample Number			
Sampling Method:		lete if well is s	sampled)	Sample Number: Water Level Finish: Field comments:	nber: Finish:		

g  $\sim \log ics$ Copyright G-Logics, well development, purging, sampling log form.vsd

TOU MUINOL. / TOU /			rioject Name:	i		
Project Number:		Date: 4	4/13/16		Weather:	
Development / Purge Method:		Well Screen Interval:	val:to		Tidally Influenced?	
Logged By:		Water Depth Start:	+		Field Commente:	
Purge Water Disposal Method:		Water Depth Finish:	sh:			
Purge Water Disposal Volume:		Bails Dry? Yes	No What Volume?		Well Conditions:	OK Not OK
					Explain:	
Well Development / Purging (circle one)	/ Purging (cin	cle one)		Casing Volume in Ga Purge Volumes: 1" D	llons: 1" Diam = 0.041 gal# am 0.041 * 3 casings * 10' s	Casing Volume in Gallons: 1" Diam = 0.041 gal/ft, 2" Diam = 0.163 gal/ft,  4" Diam = 0.653 gal/ft Purge Volumes: 1" Diam 0.041 * 3 casings * 10' screen = 1.23 gallons, 2" Diam 0.163 * 3 casings * 10' screen = 4.89 gallons
Time	120	1125	1120	1124		
Water Level	4001	12.07	202	33	/	
рН	6.49	6.50	6.7.9	6.74		
Conductivity	05H	419	415	417		
Temperature	ohl	14.3	6.1-1	C'hl		
Salinity						
Turbidity	JI.4	tr.h1	RI	2.0	_	
Calor	CLEAP -					
Dissolved Oxygen in $\frac{m_{\Phi}}{2}$	9.02	8.23	8.40	631		
Purge Volume		31	60.	07		
	+4H					
Well Sampling Information (complete if well is sampled)	rmation (com	N.			i.	
		olete if well is s	ampled)	Sample Number		
Sampling Method:		olete if well is s	ampled)	Sample Number: Water Level Finish: Field comments:	s:	

g :  $\log ics$ 

	Limo 11		Project Name:	7200		
Project Number: 01-09	H - 5 6.60	Date: 9/1	81124		Weather:	- Aolin Sum with
Development / Purge Method:	Low Aans	Well Screen Interval:	val: to	0	Tidally	Ruenced? 105
Logged By: SM		Water Depth Start:	E 11.72.		Field C	
Purge Water Disposal Method:	yoz.or	Water Depth Finish:	sh:			
Purge Water Disposal Volume:		Bails Dry? Yes	No What Volume?		Well C	Well Conditions: OK Not OK
			C		Explain:	(
				Casing Volume Purge Volumes:	in Gallons: 1" Diam = : 1" Diam 0.041 * 3 ca	Casing Volume in Gallons: 1" Diam = 0.041 gal/ft, 2" Diam = 0.163 gal/ft, 4" Diam = 0.653 gal/ft Purge Volumes: 1" Diam 0.041 * 3 casings * 10' screen = 1.23 gallons, 2" Diam 0.163 * 3 casings * 10' screen = 4.89 nations
well Development / Purging (circle one)	t / Purging (circ	le one)				1
Time	0111	1120	130	142	11:45	
Water Level	.et 11				-	
рH	6.43	C.53	444	141	121	
Conductivity	6.442	351.4	£,515	t712	1 122	
Temperature		14.3	S'hl	14.5	14.4	
Salinity ORP	-20,1	-29.2	-34.6	グセン	-UN 4	
Turbidity	6.9	9.2	8.0	5	7,3	
Color	CIC	5		CIC	CIre	
Dissolved Oxygen in	23.3 /2.35	20 0/2.03	15.5/1.57	NH 1/2 21	12.1/1.24	
Purge Volume	1621	2 301	3 sm/	4~4/	500	
		S	ø	0	0 1	
Well Sampling Information (complete if well is sampled) Decon Method: Water Level Start:	ormation (comp	lete if well is so	ampled)	- Sample Number: Water Level Finish:		MUSORD - 20160916
Filter Type:						

 $g \cdot logics$ Copyright G-Logics, well development, purging, sampling log form.vsd

A the number: M	MMIC	P	Project Name:	ノろの		
Project Number:		Date: 0 //	16/16		Weather:	90
Development / Purge Method:		Well Screen Interval:		to	Tidaliv	Influenced?
Logged By:		Water Depth Start:	n: 11,42		1-1-2	
Purge Water Disposal Method:		Water Depth Finish:			Field C	rield Comments:
Purge Water Disposal Volume:		Bails Dry? Yes	s No What Volume?		Wall C	
					Explain:	E Contraction of the second seco
Well Development / Purging (circle one)	t/ Purging (cir	cle one)		Casing Volume Purge Volumes	in Gallons: 1" Diam = : 1" Diam 0.041 * 3 ca	Casing Volume in Gallons: 1" Diam = 0.041 gal/ft, 2" Diam = 0.163 gal/ft, 4" Diam = 0.653 gal/ft Purge Volumes: 1" Diam 0.041 * 3 casings * 10' screen = 1.23 gallons, 2" Diam 0.163 * 3 casings * 10' screen = 4.89 gallons
Time	11:4S	1155	1005	1000	2001	
Water Level	24:11		. 60.	1 60 000	1	
рн	6.11	6.08	6.05	401	401	
Conductivity	476.6	499.0	20	497 4	5	
Temperature	17.9	17.3	17.0	16.8	16.7	
Satinity OPP	141	1.21-	8:611	-20.6	-212	
Turbidity	37.0	76.1	t:651	29.5	11	
Color	ar	CIN	Chr	5-7	ch.	
Dissolved Oxygen in	19.0/178	13.8/1.32	11.2/108	10.3/10	9.0/4,1	
Purge Volume	,			A111-	ŀ	
Well Sampling Information (complete if well is sampled) Decon Method:	ormation (com	plete if well is s	ampled)			
Water Level Start:				- Water Level Finish: Field comments:	el Finish: nents:	
Filtor Type:						

g  $\cdot$   $\log ics$ Copyright G-Logics, well development, purging, sampling log form.vsd

Well Number: M	40 MD	ס	Project Name		
Project Number: 01.07:	H-5160	Date: 4	116/16	Dor. C	Weather: Success ( Yunger
Development / Purge Method:	Lew Flow	Well Screen Interval:		to	292
Logged By:		Water Depth Start:	11.96 H		omments:
Purge Water Disposal Method:	Ween	Water Depth Finish:	1:		
Purge Water Disposal Volume:		Bails Dry? Yes	s No) What Volume?		Well Conditions: OK' Not OK
					(
Well Development / Purging (circle one)	/ Purging (cir	cle one)		Casing Volume in Ga Purge Volumes: 1" Di	Casing Volume in Gallons: 1" Diam = 0.041 gal/ft, 2" Diam = 0.163 gal/ft, 4" Diam = 0.653 gal/ft Purge Volumes: 1" Diam 0.041 * 3 casings * 10" screen = 1.23 gallons, 2" Diam 0.163 * 3 casings * 10' screen = 4.89 gallons
Time	5101	heel	9201	2nC1	
Water Level	11.96	1	4		
PH	6.34	6.31	6.32	6.30	
Conductivity	341.6	5.340	301.4	305.4	
Temperature	(6,4	15.4	16.6		
Satisty DAV	-0.4	- 7.7	9 15-	4 8.5	
Turbidity	4,2	C. 5	5,6	4,9	
Color	cled	ţ	89		
Dissolved Oxygen in	36.2/7.52	19.8/1.56	11,4/1.13	10.5/1.05	
Purge Volume	6,1	0,75	1.15	2.5	
Well Sampling Information (complete if well is sampled)         Decon Method:         Water Level Start:	rmation (comp	olete if well is s	ampled)	Sample Number	11-20160716
Filter Type:					
			and a set of the set o	1	

 $g \sim \log i cs$ 

Logged By: St	002 X 1000	Well Screen Interval: Water Depth Start:	rval:	to	Tidally Influenced?	ienced?	
Purge Water Disposal Method:	Drum	Water Depth Finish:			rieid comments	nents:	
Purge Water Disposal Volume:		Bails Dry? Yes	s No What Volume?	19	Well Cond	Ð	
			C		Well Conditions:	tions: OK Not OK	
					Explain:	(	
Well Development / Purging (circle one)	t/Purging (cir	cle one)		Casing Volun Purge Volum	ıe in Gallons: 1" Diam = 0.0 ≥s: 1" Diam 0.041 * 3 casing	41 gal/ft, 2" Diam = 0.163 gal/ft s * 10' screen = 1.23 gallons, 2	Casing Volume in Gallons: 1" Diam = 0.041 gal/ft, 2" Diam = 0.163 gal/ft, 4" Diam = 0.653 gal/ft Purge Volumes: 1" Diam 0.041 * 3 casings * 10' screen = 1.23 gallons, 2" Diam 0.163 * 3 casings * 10' screen = 4.89 gallons
Time	1000	-					
Water Level		1010	1020	000	640		
рH	11.98		1030	10%0	(640		
	6.95	61'4	7.29	4,33 02,01	15.4		
Conductivity	7 299C	11138 61't	2163C	37,60 21,4 25,4	61960 15.2 019)		
	16.6 11.48 16.7	6.7) 611,28 6,1' t	2.91 2.22 2.22	16'8 31,16 19,23	8:9) 6:8 18:4 18:4		
Conductivity Temperature Satimity のんや	-23.0 11.48 16.6 16.6	6.12 6.14 6.1'2 6.1'2 6.1'2	9'2 8 - 9'1 8- 9	- 22'4 19'28 19'28 19'23 19'23	8.99- 8.99 4.99 12.2 12.2		
	5.C 0.K- 9.91 9.91 5.5.9 5.93 5.9	8'9 6'2 6'1 6'1 6,1't 6,1't	111 2.2.8- 2.91 2.92 2.82 2.82	12:3 12:4 19:16 19:16 19:12 19:12 10:20	1.4 - 292 - 292 - 292 - 202 -		
	11.98° 6.95 26876 16.6 16.6	8.9 8.91 8.1138	11.1 2.94 2.94 2.94 2.94	12:3 12:4 16:8 16:8 16:8 10:30	1:4 -292- 19:2 15:2 15:2 15:2		
uct dity	21.21/222 2.20 2.20 2.21 2.20 2.21 2.21 2.22 2.23 2.23 2.23 2.23 2.23	821/121 819 81138 81138 81138 81138 8114 8114	11.11 11.1 11.1 11.1 11.1 11.1 11.1 11	14:0/1:30	14:0/1.71 14:0/1.71 16:8 18:4 15:4 15:4 0.0,9)		

Water Level Start: Decon Method: Po dicated 11.98 Tubing is sampled) R

Filter Type:

Sampling Method:

Per Punn

las

Water Level Finish: Field comments:

MW11- 20166 915 5160910C-CQ1

Copyright G-Logics, well development, purging, sampling log form.vsd

g-logics

Sample Number:

well Number:	CICMIN	ס	Project Name:	DV4V		
Project Number: $\mathcal{O}(-\mathcal{O})$	207- 27	Date: 9	114/16		Weather:	Stren (scan
Development / Purge Method:	Low Slow	Well Screen Interval:	erval:	to	Tidally In	luenced?
Logged By: Xy VI		Water Depth Start:	art: (4.52"		Field Comments:	mments:
Purge Water Disposal Method:	When	Water Depth Finish:	nish;			
Purge Water Disposal Volume:		Bails Dry? Yes	es No What Volume?	87	Well Conditions:	rditions: (Off, Not OK
					Explain:	(
Well Development / Purging (circle one)	t / Purging (cir	cle one)		Casing Volume Purge Volume	e in Gallons: 1" Diam = ( s: 1" Diam 0.041 * 3 casi	Casing Volume in Gallons: 1" Diam = 0.041 gal/ft, 2" Diam = 0.163 gal/ft, 4" Diam = 0.653 gal/ft Purge Volumes: 1" Diam 0.041 * 3 casings * 10' screen = 1.23 gallons, 2" Diam 0.163 * 3 casings * 10' screen = 4.89 gallons
Time	1100	105	1110	1176	1140	
Water Level	14.8	1				
рH	6.34	6.34	6.76	606.40	6.40	
Conductivity	1984	1961	1203	1078	(010)	
Temperature	6'21	17.8	14.1	13,8	12.5	
Salinity OKV	-76.3	-105.3	-48.0	-114.1	-114.1	
Turbidity	10,4	C: 611 4	50.0	5.75	41.5	
Color	New	and a	(	r		
Dissolved Oxygen in	at. 6/2.10	ce'1/2'11	14.9/1.51	35.0.78	7.2/0.74	
Purge Volume	0.2	5'0	1	2.5401	3 4-1	
Well Sampling Information (complete if well is sampled) Decon Method: Water Level Start: Sampling Method:	ormation (com	plete if well is s	sampled)	Sample Number: Water Level Finish: Field comments:	lumber: //el Finish:	
Filter Type:				ł		

g  $\sim logics$ Copyright G-Logics, well development, purging, sampling log form.vsd

Project Number: 01-0979-	1-H .	Date: 9/(	115/16		Weather:	
Development / Purge Method:	Low Flaid	Well Screen Interval:			1	i
		Water Depth Start:	14 66 .		Tidally I	Tidaliy Influenced?
Purge Water Disposal Method:	Drawn	Water Depth Finish:			Field Comments:	nments:
Purge Water Disposal Volume:		Bails Dry? Yes	No What Volume?		Well Co	Conditions: OK Not OK
					Explain:	
Well Development / Purging (circle one)	Purging (circ	le one)		Casing Volume i Purge Volumes:	n Gallons: 1" Diam = 1" Diam 0.041 * 3 cas	Casing Volume in Gallons: 1" Diam = 0.041 gal/ft, 2" Diam = 0.163 gal/ft, 4" Diam = 0.653 gal/ft Purge Volumes: 1" Diam 0.041 * 3 casings * 10' screen = 1.23 gallons, 2" Diam 0.163 * 3 casings * 10' screen = 4.89 gallons
Time	(IIIS)	ath	021)	1140		
Water Level	14.66	١		- (		
рН	49.97	897	6.60	6.55		
Conductivity	189	583	694	525		
Temperature	13.1	13,2	13.2	17,2	-	
Salinity O/L, 1	-84.6	- p.cg-	152	5-15-0		
Turbidity	4.3	1.9	2,5	- 1	<u>.</u>	
Color	cleer	-			14. 1	
Dissolved Oxygen in	85.0/2.52	13,4 /1,40 11.	\$1.23	1.3/ 0.57		
Purge Volume	0.5	1.5	0	5,5		
Well Sampling Information (complete if well is sampled)						

Sampling Method: Lows flow Per Vamp

Filter Type:

(1)

 $\mathcal{G}$   $\sim$   $\mathcal{O}\mathcal{G}\mathcal{G}\mathcal{G}$ 

Copy
right
G-Logics,
well
development,
purging,
sampling
log
form.v
S

g-logics

2 5 5--Streen 65 Wele

Water Level Finish Field comments:

MUSTS -20160913 / FD1-20160913

Sample Number:

Filter Type:

Sampling Method: Water Level Start:

Decon Method:

Well Sampling Information (complete if well is sampled)

NY AL			CANADA A CANADA
Non	01, 20	0850	0900
12,32			
6.66	6.66	4 9.9	6.68
5141	1708	2041	1705
			1401
15.6	15,6	5*51	5.51
- 49,0	-153.0	1 3011	1085
1.5 NTU	DIM 611	1	9 9
Clour	Brown Hu		
17/1,44	11.8/1.16	7.4/0.83	7.610.76
0.5601		1.5	2
-			
	13,38 13,38 149.0 1.5 NAU 1.5 NAU 1.5 NAU 1.5 NAU 1.5 NAU 1.5 NAU	1-11 1-111 1-111 1-111 1-111 1-111 1-111 1-111 1-111 1-111 1-111 1-111 1-111 1-111 1-111 1-111 1-11111 1-111111	8

Casing Volume in Gallons: 1" Diam = 0.041 gal/ft, 2" Diam = 0.163 gal/ft, 4" Diam = 0.653 gal/ft Purge Volumes: 1" Diam 0.041 \* 3 casings \* 10' screen = 1.23 gallons, 2" Diam 0.163 \* 3 casings \* 10' screen = 4.89 gallons

Well Development / Purging (circle one)

Sector -

Bails Dry? Yes No Water Depth Finish: Water Depth Start: What Volume? Explain: Well Conditions: OK Field Comments: Not OK

Well Screen Interval: 6 Tidally Influenced?

Weather:

SUNNU

Nice

D

Purge Water Disposal Method: Purge Water Disposal Volume:

Drun

Jishal

Logged By:

de la La

Development / Purge Method:

5101

flor-

Project Number: 61-0979-

- Pro-

Date:

5

Well Number: MUSIS

Project Name: DML

well number:	HIMIN	Project Name:	
Project Number: 01-0979-14	Ţ		Weather: Straw Mill
Development / Purge Method:	Flow	Well Scroen Interval: to	luenced? Yes 7
Logged By: SM		Water Depth Start: 10,971	
Purge Water Disposal Method: Dru	nuan	=	FIELD COMMERCIES
Purge Water Disposal Volume: 7, 5	59-1	Bails Dry? Res No What Volume? 7 61	
		5	NOT UN
			Explain:
Well Development / Purging (circle one)	rging (circle		Casing Volumes: 1" Diam 0.041 * 3 casings * 10' screen = 1.23 gal/ft, 4" Diam = 0.653 gal/ft Purge Volumes: 1" Diam 0.041 * 3 casings * 10' screen = 1.23 gallons, 2" Diam 0.163 * 3 casings * 10' screen = 4.89 gallons
Time	0804	825	
vvater Level (	(0,97"		
рн	C9'9	6.83	
5 Conductivity US/CM U	gitch	SYLIN	
Temperature	44	15.9	
Salinity			
Turbidity	t. 22	100	
Color BA	BROWN	CLEAP	
Dissolved Oxygen in	5 yy	94,10	
Purge Volume 6,5		31	
Chi- dao			

Water Level Start:

Filter Type:

Sampling Method:

Water Level Finish: Field comments:

Sample Number:

g-logics

Copyright G-Logics, well development, purging, sampling log form.vsd

g  $\sim$   $\log i cs$ 

vell Number:	MUNK	ס	Project Name:	DUCI	
Project Number: 01-0779-1	H-64	Date: 9/	9102/11/6		Weather: Strange N.C.
Development / Purge Method:	Low Flows	Well Screen Interval:	erval:to		luenced?
Logged By:	Ы	Water Depth Start:	15.72		Field Commonter
Purge Water Disposal Method:	ann	Water Depth Finish:	- I		
Purge Water Disposal Volume:		Bails Dry? Res	No What Volume?	1.51	Well Conditions: DK Not DK
Well Development / Purging (circle one)	t / Purging (circ	le one)	5	Casing Volume in Ga Purge Volumes: 1" D	Casing Volume in Gallons: 1" Diam = 0.041 gal/ft, 2" Diam = 0.163 gal/ft, 4" Diam = 0.653 gal/ft Purge Volumes: 1" Diam 0.041* 3 casings * 10' screen = 1.23 gallons, 2" Diam 0.163 * 3 casings * 10' screen = 4.89 gallons
Time	0900	0716	50.00		
Water Level	15,72.				
PH	6.81	6.84	6,94		
Conductivity	19619	19961	12664		
Temperature	14.0	14, 1	14,0		
Salinity OKY	-100.2	8,661-	-136.8		
Turbidity	11.1	12.1	5:18		
Color	Frown Hee/26	lect	De ile gray		
Dissolved Oxygen in	12.14	15,9/135	15,1/1.51		
Purge Volume	0.2	0.5	1:25		

 
 Well Sampling Information (complete if well is sampled)

 Decon Method:
 Vestice Red Interview
 Decon Method:

Water Level Start: (6.7) ous Flow

Filter Type:

227

Sampling Method:

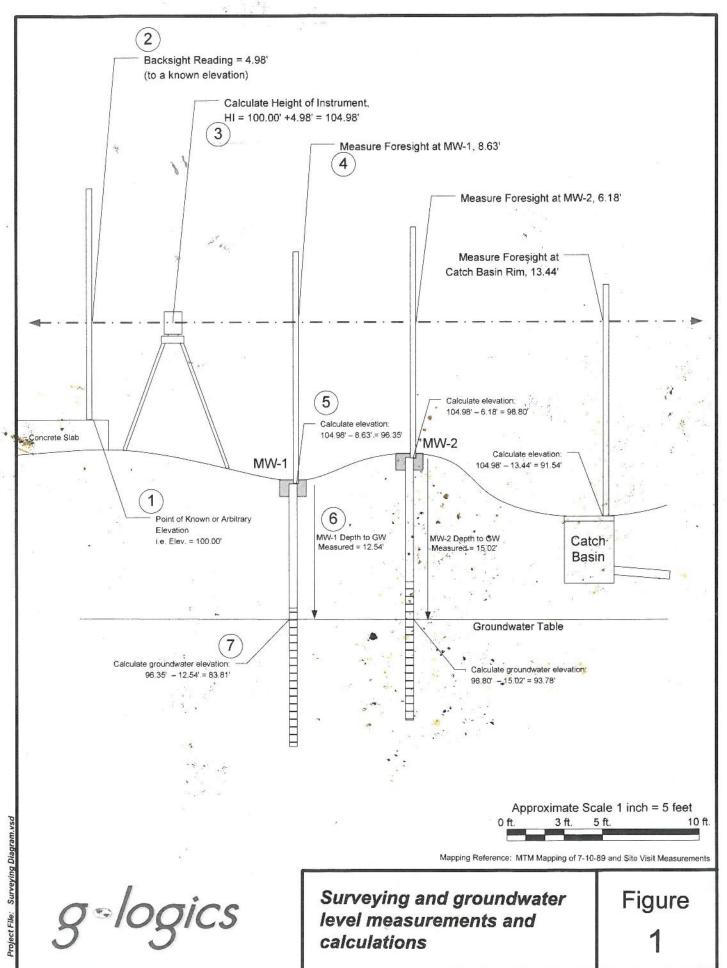
Copyright G-Logics, well development, purging, sampling log form.vsd

g-logics

Water Level Finish: Field comments:

HIL 09106 - 91012

Sample Number:



-
-
-
-
-
-
-
_
-
10
-
_
-
0
•
-
-
ands.
-
-
_
-
CD3
-
-
-
-
-
-
61
1000
-
www.fremontanalytical.com
0
<b>W</b>
1000
-

Distribution: White - Lab, Yellow - File, Pink - Originator

A Please coordinate with the lab in advance										10
TAT → SameDay^ NextDay^ 2 Day 3 Day STD					×				×	_
···· With Barium additionally		Date/Time		ived	Received		Date/Time	Date,	Relinquished	-
and 1,4-Dioxane by 8260 SIM **Including PCP	17:UD	9 Bate/Time	/		Receive	W	\$160/0	/ 0) 4 (0)	* MM	
methyl-2-pentarione, Pentachloroethane, Vinyl Acetate,	on the following business day.	days.)	retained after 30 c	ssed if samples are	Disposal by Lab (A fee may be assessed if samples are retained after 30 days.)	Disposal by L		Return to Client	Sample Disposal: 1	
Special Remarks:	Turn-around times for samples	Nitrate+Nitrite	Fluoride	O-Phosphate	Bromide (	Sulfate	Chloride	Nitrate Nitrite	***Anions (Circle): N	_
Pb Sb Se Sr Sn TI TI U V Zn	Cr Cu Fe Hg K Mg Mn Mo Na Ni i	Ca Cd Co Cr Cu	As B Ba Be	Individual: Ag Al	TAL Indi	Priority Pollutants	RCRA-8 Pri	MTCA-5	""Metais Analysis (Circle):	_
							,		10	-
									Q	
									00	
									7	
									6	
	XXX	XXXX	XX	XXV	XX	1000 GW	21/12	21609	21609105-1045	
	~ × ×	XXXX	× × 8	X X	YX MO	1912 9	2		× Muer-20160913	
		XXXX	XXX	××	Ger X X	1130 6	-		21609108- Gran :	
		メメスタ	XXX	XX	Gew X X	1015 0	c)/b	160913	5.1609108-510112	
		AXX	X	×	GW X X	635 0	21/10	51109105	111-14-2060-113	
Comments		Con 20 Mars	10	Se	(Matrix)*	Time (Ma	Date		Sample Name	
			6/6/6						82 73	
		193	$\langle \mathcal{N} \rangle$		a					
torm Water, WW = Waste Water	SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water,	r, DW = Drinking Wa	olid, W = Wate	diment, SL = Sc	S = Soll, SD = Se	O = Other, P = Product,	Bulk, O = Othe	AQ = Aqueous, B = I	*Matrix Codes: A = Air, AQ = Aqueous, B = Bulk,	
	Shorth & Gologies	: 	PM Email:			Fax	4289.	1289-162-564	Telephone:	
	Stuart Hyde	T	Location: Report To (PM):						City, State, Zip:	
Collected by: SHy de	r u	8	Project No:					o robio	Address:	
	Duwamish Marine Center	ne:	Project Name:					G-I naire	Client	
	of:	Page:			Date:	80	Tel: 206-352-3790 Fax: 206-352-7178		Seattle, WA 98103	
	Laboratory Project Na (internal):	Laborat		AT	W		Analytical			
Chain of Custody Record	0					7	0	remo		
						I				

Page 1 of 2

-	3	
7	6	
	2	
	3	

www.fremontanalytical.com

Distribution: White - Lab, Yellow - File, Pink - Originator

2

Page 1 of 2

www.fremontanalytical.com

Distribution: White - Lab, Yellow - File, Pink - Originator

×	x OVVL	Relinquished	le): Nitrate	(Circle):	10	9	8	7	σ,	51609102. SOMW 5	\$160910C-Bamu "	3 MW 11 - 20160915	5 W121910- 90160915	51609106-EQ1 1	Sample Name	*Matrix Codes: A = Air, AQ = Aqueous,	Telephone:	City, State, Zip:	S.	Client:	3600 Fremont Ave N. Seattle, WA 98103		
	9/15/16 Date/Time	Date/Time	Nitrite Chloride	MTCA-5 RCRA-8						A 5160	415 4	915	1 51609	15 9/15/16	Sample	peous, B = Bulk, O = Other,			c	G-Logics	Tei: 206-352-3790 Fox: 206-352-7178	Analytica	emo
	1401	L Disposal by Lab		Priority Pollutants						1300 2	-	1036	1145	100 GW	Sample Sample Type Time (Matrix)*	P = Product,	Fax:				90 178	Cal.	3
X	Kernel V	UISDOSai DY LAD (A tee may be assessed if samples are retained after 30 days.)	Bromide O-Phosphate	TAL Individual: Ag						XXXX	XXXX	XXX	XXXX	XXX	125:187 4885. 9414-187 4885.	S = Soil, SD = Sediment, SL :					Date:	MAT	
1 110	Andu	s are retained after 30 days.)	Fluoride Nitr	Al As B Ba Be Ca Cd						XXXX	XXXX	XXX	XXXX	xxx		- 1	PM Email:	Report To (PM);	focation:	Project Name:		Ţ	
Postel male	5/10 14	Date/Time on the fi	Nitrate+Nitrite Turn-arc	Co Cr Cu						XXXX	XXXX	XXXX	< X X X X			DW = Drinking Water, GW =	1	St	Vea 416	Duwamish Marine	Page:	Laboratory Project No (internal):	
	01	on the following business day.	Turn-around times for samples received after 4:00pm will begin	Fe Hg K Mg Mn Mo Na Ni i						×	×	×	×			GW = Ground Water, SW = St		-	,   	Center	/ no /	No (internal):	Q
TAT → SameDayA NextDayA 2 Day 3 Day APlease coordinate with the lab in advance	**Including PCP ***With Barlum additionally	methyl-2-pentanone, Pentachloroethane, Vinyl Acetate and 1,4-Dioxane by 8260 SIM	Special Remarks: *Including Carbon Disulfide, ketones Acetone and 4-	Pb Sb Se Sr Sn Tl Tl U V Zn											Comments	SW = Storm Water, WW = Waste Water			Collected by:				<b>Chain of Custody Record</b>
2 Day 3 Day STD	2	sthane, Vinyl Acetate,	s Acetone and 4-																				y Record

-
~
-
5
·
<
<
-
-
www.fremontanalytical.c
-
-
-
0
-
-
<u>.</u>
9
-
-
ົ
-
~
-
-
0
24
-
-
'n
0
0
-
ă

$\simeq$
60
tribution
-
o,
5
-
•
3
**
-
White
-
-
-Lab,
5
-
9
- 25
9
-
2
Yellow -
1
-
File
Pink
-
3
~
0
2
Originato
5
3
1
*
4
10

$\begin{array}{c} \text{TAT} \rightarrow \text{SameDay}^{\wedge} \text{ NextDay}^{\wedge} \text{ 2 Day 3 Day (STD)} \\ \hline \\ \hline \\ \hline \\ \\ \hline \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ $	Date/Time	x x	Relinguished Gate/Time
**Including PCP ***With Barlum additionally	9/10/10/1320	Received	x Add 9/16 1519
methyl-2-pentanone, Pentachloroethane, Vinyl Acetate,	on the following business day.	Disposal by Lab (A fee may be assessed if samples are retained after 30 days.)	Sample Disposal:
Special Remarks: *Including Carbon Disulfide, ketones Acetone and 4-	Nitrate+Nitrite Turn-around times for samples received after 4:00pm will begin	Bromide O-Phosphate Fluoride Nitrat	***Anlons (Circle): Nitrate Nitrite Chloride Sulfate
Pb Sb Se Sr Sn Ti Ti U V Zn	Co Cr Cu Fe Hg K Mg Mn Mo Na Ni	TAL Individual: Ag Al As B Ba Be Ca Cd	**Metals Analysis (Circle): MTCA-5 RCRA-8 Priority Pollutants
			10
			φ
			60
			7
			6
			4
	N N N N N	K X X X X X X X X	· WORD-20160916 + 1300 +
	с * * * *	XXXXXXXXXXX	2 MW 10-20160916 10330
		KKXKXXX	1 Muso 90-2016 0916 9/6/16 1145 GW
Comments			Sample Name Date Time (Matrix)*
SW = Storm Water, WW = Waste Water	Water,	o = Other, P = Product, S = Soil, SD = Sediment, SL = Soild, W = Water, DW = Drinking Water, GW = Ground	*Matrix Codes: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S
		PM Email:	Telephone: Fax:
	Stuart Hyde	Report To (PM):	City, State, Zip:
		Location:	:22
Collected by: SH	01-0979- H colle	Project Name: Project No:	Client: G-Logics
	Page: of:	Date: 4/16/16 to Vis	3600 Fremont Ave N. Tel: 206-352-3790 Seattle, WA 98103 Fax: 206-352-7178
	Laboratory Project No (internal):		Analytical
Chain of Custody Record	Ch		Expmont

Page 1 of 2