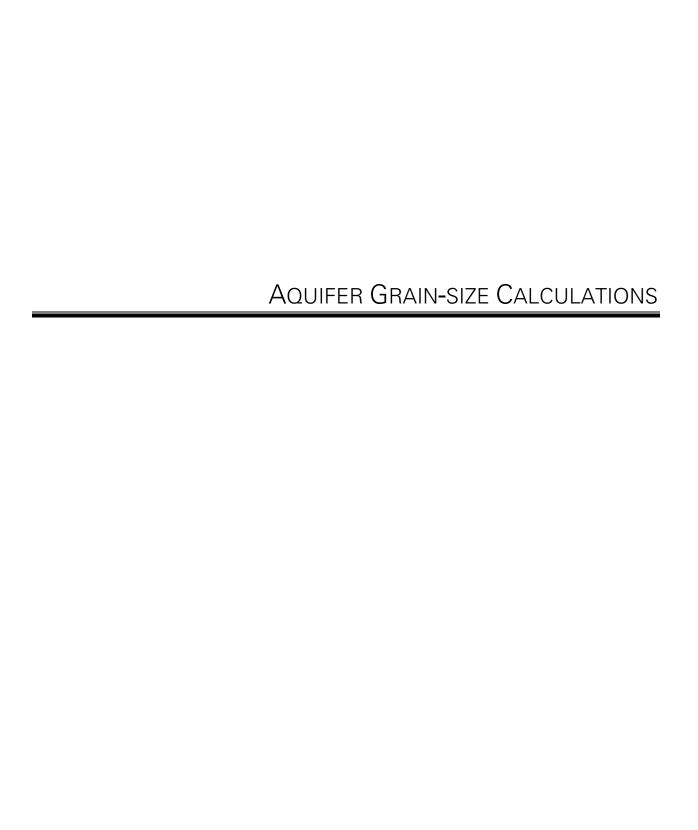
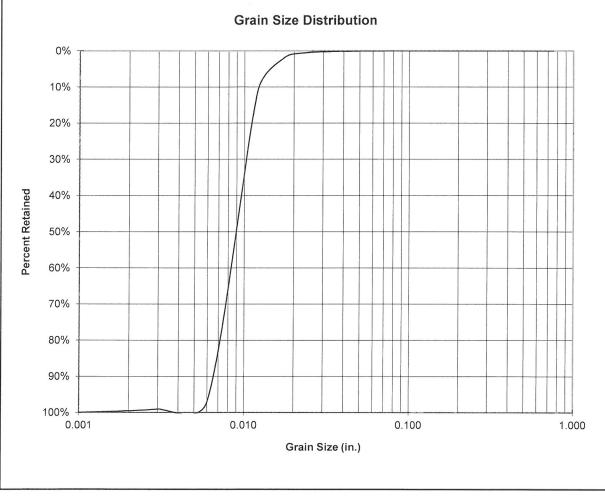


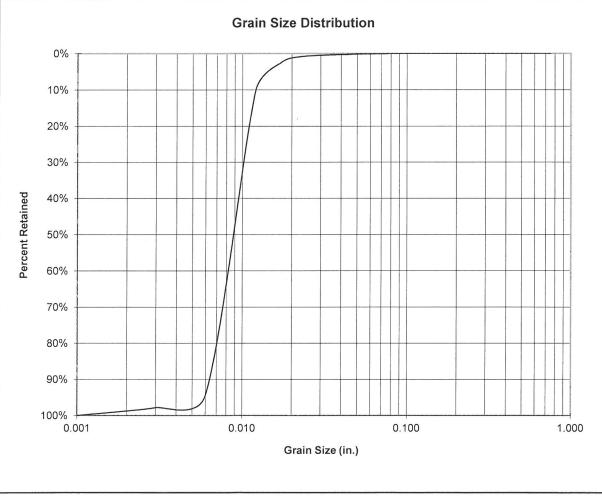
WATER WELL REPORT Original & 1st copy – Ecology, 2nd copy – owner, 3rd copy – driller	CURRENT Notice of Intent No W353207	7
R. C. O. L. O. G. Y	Unique Ecology Well ID Tag No. BAF-021	
Construction/Decommission ("x" in circle) Construction	Water Right Permit No10351	
Decommission ORIGINAL INSTALLATION Notice	Property Owner Name North Beach Water D	
of Intent Number	Well Street Address252nd St. / between	n "U" St. & Ash Pl.
PROPOSED USE: Domestic Industrial Municipal		
DeWater Irrigation Test Well Other	City Ocean Park County Pacific	D 11 EWM □
TYPE OF WORK: Owner's number of well (if more than one)	Location sw 1/4-1/4 ne 1/4 Sec 33 Twn 12	or www one
✓ New well ☐ Reconditioned Method : ☐ Dug ☐ Bored ☐ Driven ☐ Deepened ✓ Cable ☐ Rotary ☐ Jetted	Lat/Long (s, t, r Lat Deg Lat	Min/Sec
DIMENSIONS: Diameter of well 8" inches, drilled 175' ft.	Still REQUIRED) Long Deg Lo.	ng Min/Sec
Depth of completed well 149' ft. CONSTRUCTION DETAILS	Tax Parcel No. 1211331300	
Casing V Welded 8" Diam. from +2' ft. to 119' ft.		
Casing Installed: ✓ Welded 8" " Diam. from +2' ft. to 119' ft. ft. to 119' ft. ft. to ft. Installed: Threaded " Diam. from from ft. to ft. ft. to ft. ft.	CONSTRUCTION OR DECOMMISSION	
Perforations: Yes No	Formation: Describe by color, character, size of material and nature of the material in each stratum penetrated, with at least	structure, and the kind and one entry for each change of
Type of perforator used	information. (USE ADDITIONAL SHEETS IF NECES	SSARY.)
SIZE of perfs in. by in. and no. of perfs from ft. toft.	MATERIAL	FROM TO
Screens:	brown silty sand	0 1 2
Manufacturer's Name Johnson Type 304 S.S. cont. wrap v-wire Model No. 304 S.S.	red silty sand	2 4
Diam. 5" Slot size 20 from 138' ft. to 118' ft.	grey sand	4 7
Diam. Slot size from ft. to tt.	brown silt / grey sand - trace h20	7 23
Gravel/Filter packed: ☑ Yes ☐ No ☐ Size of gravel/sand 10/20 silica Materials placed from 149' ft. to 96.5 ft.	brown silty sand	23 36
Surface Seal: Ves No To what depth? 20' ft.	grey sand - slightly silty	36 47
Material used in seal 3/8" bentonite chips	grey sand - trace wood	47 49
Did any strata contain unusable water?	grey sand	49 56
Type of water? Depth of strata	grey sand w/wood	56 63
Method of sealing strata off	grey sand - trace small gravel	63 81
PUMP: Manufacturer's Name	grey silty sand	81 93
	course grey sand - dirty	93 99
WATER LEVELS: Land-surface elevation above mean sea levelft.	grey silty sand - getting tighter	99 103
Static level 11.25 ft. below top of well Date 09/18/13 Artesian pressure lbs. per square inch Date	grey sand - dirty	103 109 109 116
Artesian pressureios. per square men Bate	elean grey sand - trace wood grey sand - siltier - trace wood	116 117
(cap, valve, etc.)	grey sand w/seashells & wood	117 119
WELL TESTS: Drawdown is amount water level is lowered below static level	grey sand - getting dirtier	119 121
Was a pump test made? Yes No If yes, by whom? RobinsonNobl Yield: 151' gal/min. with 18' ft. drawdown after 24.0 hrs.	trace clay lenses	121 124
Yield: gal./min. with ft. drawdown after hrs.	grey sand w/grey clay layers & wood	124 137
Yield: gal./min. with ft. drawdown after hrs.	grey sand - cleaner driving - better	137 142
Recovery data (time taken as zero when pump turned off) (water level measured from well top to water level)	grey sand - getting siltier	142 145
Time Water Level Time Water Level Time Water Level	fine grey sand - silty w/wood	145 150
1 12.96 10 11.5 30 11.25 3 12.04 14 11.4 80 11.18	fine grey sand - cleaner	150 154 154 172'6"
5 11.80 20 11.3	grey sand w/silt lenses w/wood & trace pebbles dirty grey sand w/wood - trace seashells	172'6" 173'6"
Date of test	grey clay	173'6" 175
Bailer testgal./min. withft. drawdown afterhrs.	gicy city	
Airtestgal/min. with stem set atft. forhrs.		
Artesian flowg.p.m. Date Temperature of water 51F Was a chemical analysis made?		
1 emperature of water was a chemical analysis made: [V] 1 cs No	Start Date 08/14/2013 Complete	ted Date09/23/2013
WELL CONSTRUCTION CERTIFICATION: I constructed and/or acc Washington well construction standards. Materials used and the information of Driller	cept responsibility for construction of this well, an on reported above are true to my best knowledge a Drilling Company Bison Well Drilling & Septic, Address PO Box 5142 City, State, Zip Spanaway, WA 98387 Contractor's	and belief.
If TRAINEE, Driller's Licensed No.	Registration No. BISONWD945R9	Date 09/30/2013
Driller's Licensed No.	Tropioration 1101	is an Equal Opportunity Employe



Job	North Bea	ch Water D	istrict Wiega	rdt Test V	Vell 1		
Job#	2755-001A						
Depth	112						
					Calculation	าร	
		Weights	Percentage		0.9	0.7	0.4
	0.750	0	0%		0	0	0
<u> </u>	0.375	0	0%		0	0	0
Sieve Sizes (Assumes Max.Size of 3/4")	0.157	0	0%		0	0	0
S of o	0.093	0	0%		0	0	0
Sizes x.Size o	0.047	0.3	0%		0	0	0
ax.	0.023	2.3	1%		0	0	0
Sieve nes Ma>	0.017	9.3	2%		0	0	0
Si	0.012	45.9	11%		0.006488	0.007887	0.009985
ıssı	0.006	397.8	97%		0	0	0
9	0.003	406.4	99%		0	0	0
	0.001	410.2	100%		0	0	0
			Depth	D10	D30	D60	
			112	0.006	0.008	0.010	

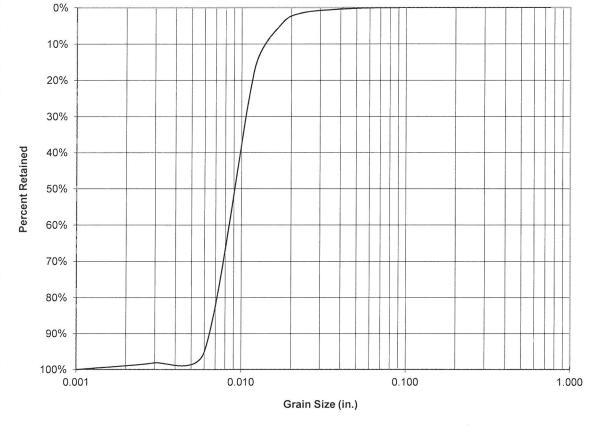


		G	rain Siz	ze Calo	ulation	IS		
Job	North Bea	ch Water D	istrict Wieg	ardt Test \	Well 1			
Job#	2755-001A							
Depth	115							
					Calculation	ns		
		Weights	Percentage)	0.9	0.7	0.4	
	0.750	0	0%		0	0	0	
<u>.</u>	0.375	0	0%		0	0	0	
3/4")	0.157	0	0%		0	0	0	
Sieve Sizes Assumes Max. Size of	0.093	0	0%		0	0	0	
Sizes x.Size o	0.047	1	0%		0	0	0	
<u>a</u>	0.023	3.7	1%		0	0	0	
Sieve mes Ma>	0.017	11.8	3%		0	0	0	
S all	0.012	45.6	10%		0.006315	0.007742	0.009882	0
1881	0.006	418.1	94%		0	0	0	
9	0.003	433.1	98%		0	0	0	
	0.001	442.8	100%		0	0	0	
			Depth	D10	D30	D60		
			115	0.006	0.008	0.010		
			115	0.006	0.008	0.010		

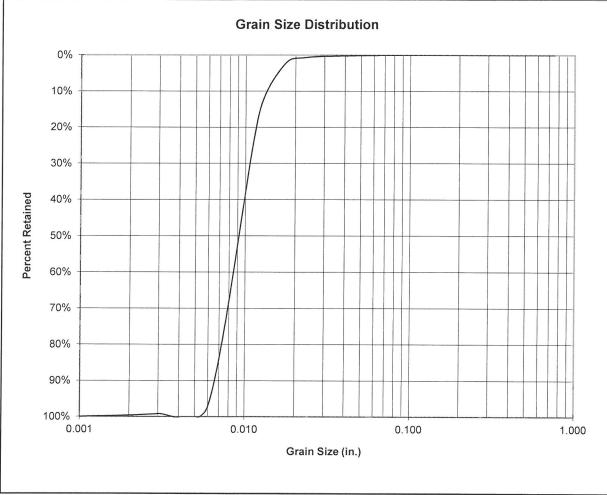


		G	rain Siz	e Calc	ulation	S		
Job	North Bea	ch Water D	istrict Wiega	rdt Test V	Vell 1			
Job#	2755-001A							
Depth	118							
					Calculation	าร		
		Weights	Percentage		0.9	0.7	0.4	
	0.750	0	0%		0	0	0	
£.	0.375	0	0%		0	0	0	
Sieve Sizes (Assumes Max.Size of 3/4")	0.157	0	0%		0	0	0	
9 S e of	0.093	0	0%		0	0	0	
Sieve Sizes nes Max.Size c	0.047	1.1	0%		0	0	0	
<u>а</u> ж	0.023	6.5	1%		0	0	0	
e e v	0.017	21.9	5%		0	0	0	
S all	0.012	72.7	17%		0.006388	0.007921	0.010219	
1881	0.006	412.6	95%		0	0	0	
9	0.003	425.9	98%		0	0	0	
	0.001	434	100%		0	0	0	
			Depth	D10	D30	D60		
			118	0.006	0.008	0.010		

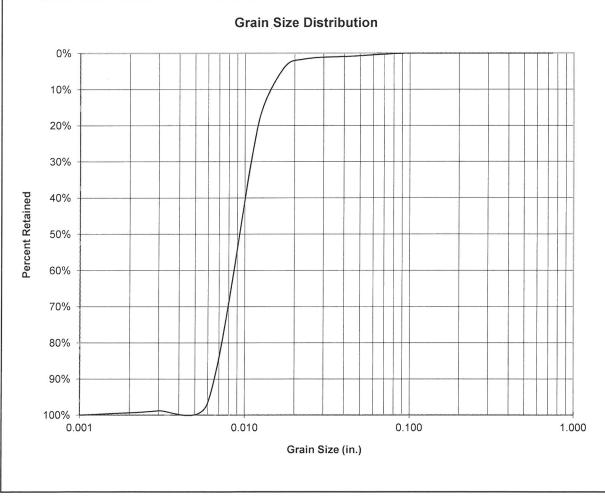




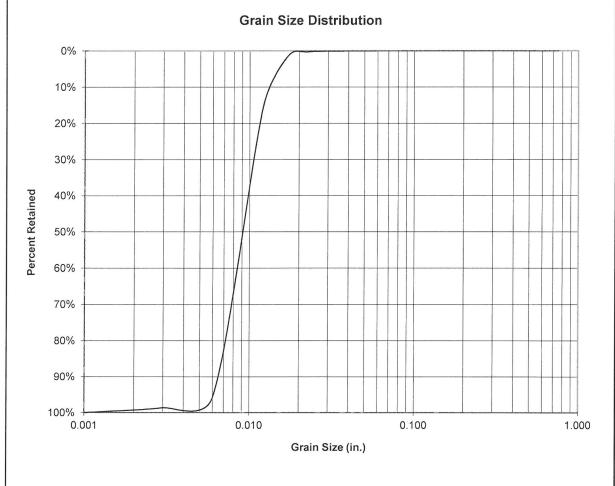
	G	rain Siz	ze Calc	ulation	IS		
North Bea	ch Water D	istrict Wieg	ardt Test V	Vell 1			
2755-001A							
121							
				Calculation	าร		
	Weights	Percentage)	0.9	0.7	0.4	
0.750	0	0%		0	0	0	
0.375	0	0%		0	0	0	
0.157	0	0%		0	0	0	
0.093	0	0%		0	0	0	
0.047	0.6	0%		0	0	0	
0.023	2.9	1%		0	0	0	
0.017	12.2	3%		0	0	0	
0.012	72	16%		0.006533	0.008019	0.010247	
0.006	426.6	97%		0	0	0	
0.003	435.4	99%		0	0	0	,
0.001	439	100%		0	0	0	
		Depth	D10	D30	D60		
		121	0.007	0.008	0.010		
	0.750 0.375 0.157 0.093 0.047 0.023 0.017 0.012 0.006 0.003	North Beach Water D 2755-001A 121 Weights 0.750 0 0.375 0 0.157 0 0.093 0 0.047 0.6 0.023 2.9 0.017 12.2 0.012 72 0.006 426.6 0.003 435.4	North Beach Water District Wieg 2755-001A Weights Percentage 0.750 0 0% 0.375 0 0% 0.157 0 0% 0.093 0 0% 0.047 0.6 0% 0.023 2.9 1% 0.017 12.2 3% 0.012 72 16% 0.006 426.6 97% 0.003 435.4 99% 0.001 439 100%	North Beach Water District Wiegardt Test V 2755-001A	North Beach Water District Wiegardt Test Well 1 2755-001A	Test	North Beach Water District Wiegardt Test Well 1 2755-001A 121 Calculations



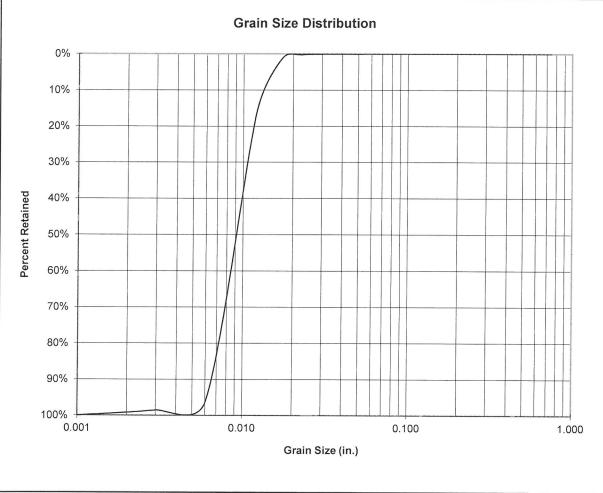
		G	rain Siz	e Calc	ulation	S		
Job	North Bea	ch Water D	istrict Wiega	rdt Test V	Well 1			
Job#	2755-001A							
Depth	124							
					Calculation	าร		
		Weights	Percentage		0.9	0.7	0.4	
	0.750	0	0%		0	0	0	
<u>.</u>	0.375	0	0%		0	0	0	
3/4	0.157	0	0%		0	0	0	
e of	0.093	0	0%		0	0	0	
Sieve Sizes (Assumes Max.Size of 3/4")	0.047	3.5	1%		0	0	0	
	0.023	7.2	2%		0	0	0	
e e ⊗	0.017	19.7	4%		0	0	0	
Si	0.012	89.9	20%		0.00651	0.008073	0.010417	
18SI	0.006	439.7	97%		0	0	0	
\$	0.003	450.1	99%		0	0	0	
	0.001	455.5	100%		0	0	0	
			Depth	D10	D30	D60		
			124	0.007	0.008	0.010		



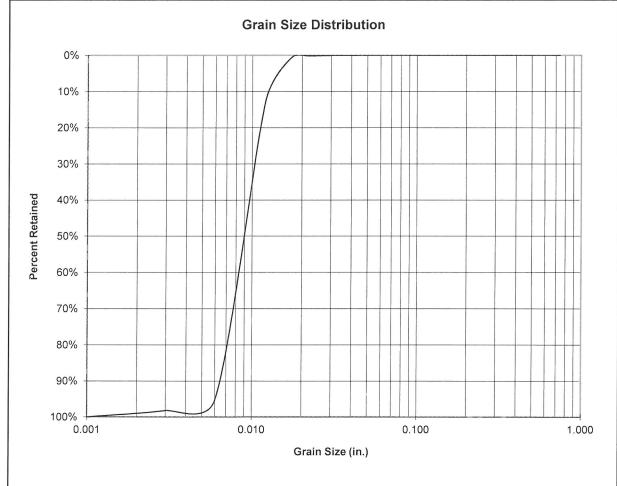
		G	rain Siz	e Calc	ulation	IS		
Job	North Bea	ch Water D	istrict Wiega	rdt Test V	Vell 1			
Job#	2755-001A							
Depth	127							
					Calculation	ns		
		Weights	Percentage		0.9	0.7	0.4	
	0.750	0	0%		0	0	0	
<u>.</u>	0.375	0	0%		0	0	0	
Sieve Sizes (Assumes Max.Size of 3/4")	0.157	0	0%		0	0	0	
e of	0.093	0	0%		0	0	0	
Sieve Sizes nes Max.Size o	0.047	0.15	0%		0	0	0	
ax.	0.023	1.1	0%		0	0	0	
ev S ≥	0.017	6.9	2%		0	0	0	
Si Pir	0.012	69.5	16%		0.006432	0.007934	0.010187	
\ss\	0.006	419.5	96%		0	0	0	
8	0.003	432.1	99%		0	0	0	
	0.001	438.1	100%		0	0	0	
			Depth	D10	D30	D60		
			127	0.006	0.008	0.010		



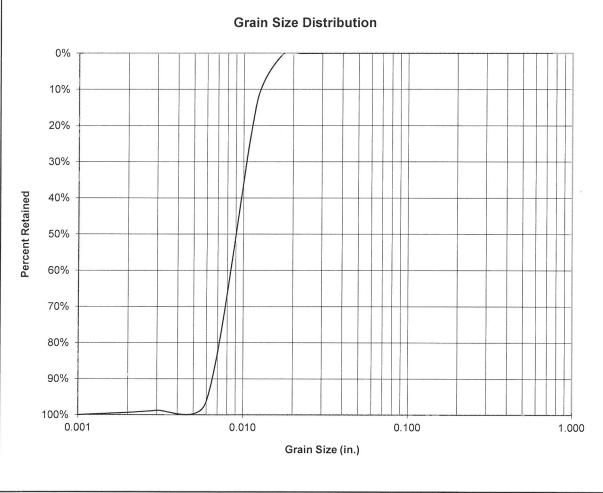
		G	rain Siz	e Calc	culation	S		
Job	North Bea	ch Water D	istrict Wiega	rdt Test \	Well 1			
Job#	2755-001A							
Depth	130							
					Calculation	าร		
		Weights	Percentage		0.9	0.7	0.4	
	0.750	0	0%		0	0	0	
<u></u>	0.375	0	0%		0	0	0	
Sieve Sizes (Assumes Max.Size of 3/4")	0.157	0	0%		0	0	0	
e of	0.093	0	0%		0	0	0	
Sizes x.Size o	0.047	0.1	0%		0	0	0	
اع ر	0.023	1	0%		0	0	0	
Sieve mes Max	0.017	6.7	1%		0	0	0	
S all	0.012	76.4	16%		0.006479	0.007977	0.010222	
\ss\	0.006	453.3	96%		0	0	0	
8	0.003	463.4	99%		0	0	0	
	0.001	470.2	100%		0	0	0	
			Depth	D10	D30	D60		
			130	0.006	0.008	0.010		



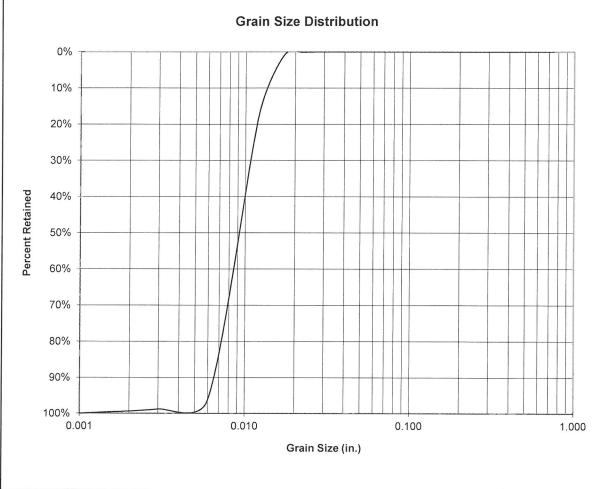
		G	rain Siz	e Calc	ulation	S		
Job	North Bea	ch Water D	istrict Wieg	ardt Test V	Vell 1			
Job#	2755-001A							
Depth	133							
					Calculation	ns		
		Weights	Percentage		0.9	0.7	0.4	
	0.750	0	0%		0	0	0	
€.	0.375	0	0%		0	0	0	
Sieve Sizes (Assumes Max.Size of 3/4")	0.157	0	0%		0	0	0	
e of	0.093	0	0%		0	0	0	
Sizes x.Size o	0.047	0	0%		0	0	0	
e S	0.023	0.7	0%		0	0	0	
Sieve mes Max	0.017	3.8	1%		0	0	0	
Sime	0.012	53.7	13%		0.006387	0.007842	0.010024	
1881	0.006	398.8	95%		0	0	0	
\$	0.003	410.9	98%		0	0	0	
	0.001	418.4	100%		0	0	0	
			Depth	D10	D30	D60		
			133	0.006	0.008	0.010		



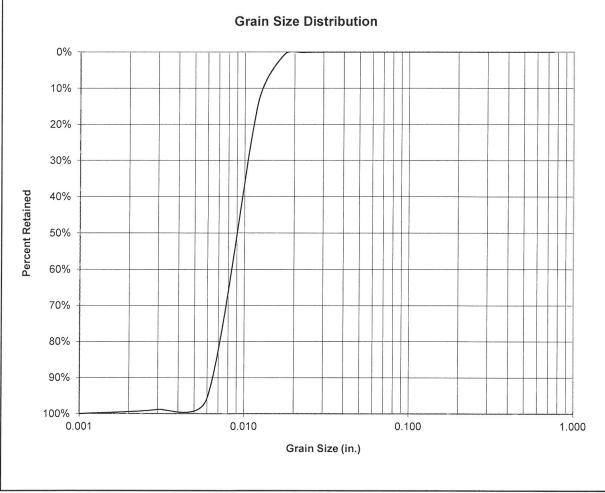
Job	North Bea	ch Water D	istrict Wiega	irdt Test V	Nell 1			
Job#	2755-001A							
Depth	136							
					Calculation	าร		
		Weights	Percentage		0.9	0.7	0.4	
	0.750	0	0%		0	0	0	
<u></u>	0.375	0	0%		0	0	0	
3/4	0.157	0	0%		0	0	0	
9 S e of	0.093	0	0%		0	0	0	
Sieve Sizes (Assumes Max.Size of 3/4")	0.047	0	0%		0	0	0	
e G	0.023	0.3	0%		0	0	0	
ev Se N	0.017	2.4	1%		0	0	0	
Sime	0.012	60.5	14%		0.006454	0.007907	0.010086	
YSSI	0.006	426.8	96%		0	0	0	
9	0.003	437.9	99%		0	0	0	
	0.001	443.4	100%		0	0	0	
			Depth	D10	D30	D60		
			136	0.006	0.008	0.010		



		G	rain Siz	e Calc	ulation	S		
Job	North Bea	ch Water D	istrict Wiega	rdt Test V	Vell 1			
Job#	2755-001A							
Depth	139							
					Calculation	าร		
		Weights	Percentage		0.9	0.7	0.4	
	0.750	0	0%		0	0	0	
£	0.375	0	0%		0	0	0	
Sieve Sizes (Assumes Max.Size of 3/4")	0.157	0	0%		0	0	0	
e of	0.093	0	0%		0	0	0	
Sieve Sizes nes Max.Size c	0.047	0	0%		0	0	0	
e (S	0.023	0.3	0%		0	0	0	
e ∨	0.017	4	1%		0	0	0	
Si The	0.012	68.1	18%		0.006475	0.008007	0.010305	
1SSI	0.006	366.6	96%		0	0	0	
\$	0.003	376.5	99%		0	0	0	
	0.001	381.1	100%		0	0	0	
			Depth	D10	D30	D60		
			139	0.006	0.008	0.010		-



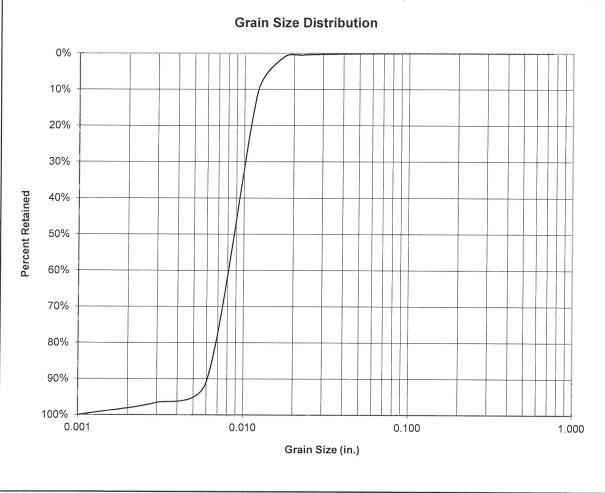
Job	North Bea	ch Water D	istrict Wiega	rdt Test \	Well 1			
Job#	2755-001A							
Depth	142							
					Calculation	าร		
		Weights	Percentage		0.9	0.7	0.4	
	0.750	0	0%		0	0	0	
<u> </u>	0.375	0	0%		0	0	0	
Sieve Sizes (Assumes Max.Size of 3/4")	0.157	0	0%		0	0	0	
e of	0.093	0	0%		0	0	0	
Sieve Sizes nes Max.Size c	0.047	0	0%		0	0	0	
e co	0.023	0.6	0%		0	0	0	
ev	0.017	5.3	1%		0	0	0	
Sime	0.012	73.2	14%		0.006417	0.007891	0.010102	
Assı	0.006	491.3	96%		0	0	0	
8	0.003	507.7	99%		0	0	0	
	0.001	513.6	100%		0	0	0	
			Depth	D10	D30	D60		
			142	0.006	0.008	0.010		



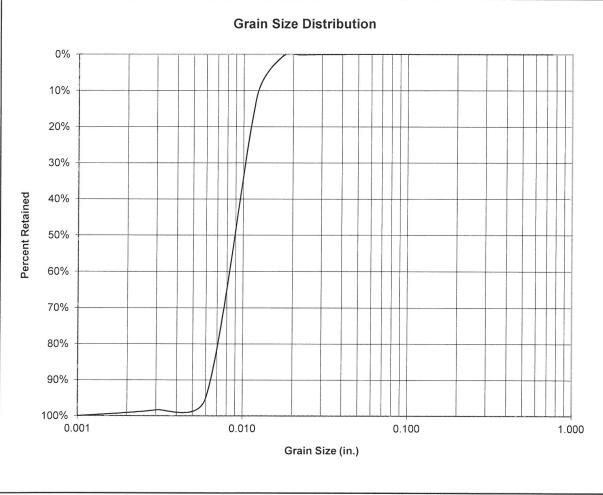
			rain Siz			1 .				
Job	North Beach Water District Wiegardt Test Well 1									
Job#	2755-001A		4							
Depth	145									
					Calculation	าร				
		Weights	Percentage		0.9	0.7	0.4			
	0.750	0	0%		0	0	0			
	0.375	0	0%		0	0	0			
3/4")	0.157	0	0%		0	0	0			
e of	0.093	0	0%		0	0	0			
Sieve Sizes Assumes Max. Size of	0.047	0.4	0%		0	0	0			
a	0.023	1.8	0%		0	0	0			
Sieve nes Ma>	0.017	7.8	2%		0	0	0			
Si The	0.012	77.6	18%		0.00645	0.007983	0.010284			
ıssı	0.006	422.4	96%		0	0	0			
\$	0.003	433.7	98%		0	0	0			
	0.001	440.6	100%		0	0	0			
			Depth	D10	D30	D60				
			145	0.006	0.008	0.010				



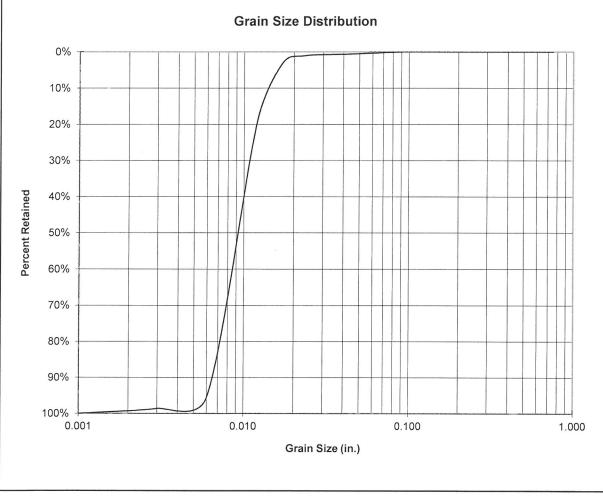
Grain Size Calculations											
Job	North Beach Water District Wiegardt Test Well 1										
Job#	2755-001A										
Depth	148										
					Calculation	ns					
		Weights	Percentage		0.9	0.7	0.4				
	0.750	0	0%		0	0	0				
<u>.</u>	0.375	0	0%		0	0	0				
s of 3/4")	0.157	0	0%		0	0	0				
9 S e of	0.093	0	0%		0	0	0				
Sieve Sizes Assumes Max.Size o	0.047	0.5	0%		0	0	0				
e co	0.023	1.9	0%		0	0	0				
Sieve mes Max	0.017	5.7	1%		0	0	0				
Si emi	0.012	47.8	11%		0.00606	0.007563	0.009817				
ISS/	0.006	396.7	91%		0	0	0				
9	0.003	421.9	97%		0	0	0				
	0.001	436.9	100%		0	0	0				
			Depth	D10	D30	D60					
			148	0.006	0.008	0.010					
				3.000	3.000	3.010					



		G	rain Siz	e Calc	ulation	S				
Job	North Beach Water District Wiegardt Test Well 1									
Job#	2755-001A									
Depth	151									
					Calculation	าร				
		Weights	Percentage		0.9	0.7	0.4			
	0.750	0	0%		0	0	0			
<u>.</u>	0.375	0	0%		0	0	0			
Sieve Sizes (Assumes Max.Size of 3/4")	0.157	0	0%		0	0	0			
e of	0.093	0	0%		0	0	0			
Sizes x.Size o	0.047	0	0%		0	0	0			
e (6	0.023	0.5	0%		0	0	0			
Sieve mes Ma>	0.017	3.1	1%		0	0	0			
S all	0.012	49.5	12%		0.006367	0.007805	0.009961			
ISSI	0.006	404.5	95%		0	0	0			
3	0.003	418.2	98%		0	0	0			
	0.001	425.3	100%		0	0	0			
			Depth	D10	D30	D60				
			151	0.006	0.008	0.010				



		G	rain Siz	e Calc	ulation	S					
Job	North Bea	North Beach Water District Wiegardt Test Well 1									
Job#	2755-001A										
Depth	154										
					Calculation	าร					
		Weights	Percentage		0.9	0.7	0.4				
	0.750	0	0%		0	0	0				
£.	0.375	0	0%		0	0	0				
Sieve Sizes Assumes Max.Size of 3/4")	0.157	0	0%		0	0	0				
e of	0.093	0	0%		0	0	0				
Sizes x.Size o	0.047	2.1	1%		0	0	0				
ax.	0.023	4.1	1%		0	0	0				
Sieve mes Max	0.017	12.1	3%		0	0	0				
Sime	0.012	73.3	19%		0.006434	0.008006	0.010364				
Assı	0.006	365	96%		0	0	0				
3	0.003	376.8	99%		0	0	0				
	0.001	382.1	100%		0	0	0				
			Depth	D10	D30	D60					
			154	0.006	0.008	0.010					



		G	rain Si	ze Calc	ulation	าร				
Job	North Beach Water District Wiegardt Test Well 1									
Job#	2755-001A									
Depth	157									
					Calculatio	ns				
		Weights	Percentag	е	0.9	0.7	0.4			
2	0.750	0	0%		0	0	0			
<u></u>	0.375	0	0%		0	0	0			
Sieve Sizes (Assumes Max.Size of 3/4")	0.157	0	0%		0	0	0			
e of	0.093	0	0%		0	0	0			
i ze Size	0.047	2.8	1%		0	0	0			
Sieve Sizes mes Max.Size o	0.023	5.9	1%		0	0	0			
e e e	0.017	18.6	4%		0	0	0			
S H	0.012	94.2	21%		0.006293	0.007939	0.010407			
Assi	0.006	426.9	94%		0	0	0			
3	0.003	444.7	97%		0	0	0			
	0.001	456.3	100%		0	0	0			
			Depth	D10	D30	D60				
			157	0.006	0.008	0.010				

