April 2013 Groundwater Analytical Results
Site OT071
nia

	Location Code:		MW-136					MW-143					MW-144					MW-145					MW-146							
	Sample ID:		ST067b-30036					ST067b-30037					ST067b-30038					OT071-30018					OT071-30019					OT071-300		
	Sample Date:		4/30/2013					5/3/2013					5/1/2013					5/1/2013					5/1/2013					5/9/2013		
	Sample Purpose:		REG					REG					REG					REG					REG					REG		
Parameter	Units	MCL	Result	LOQ	LOD	DL	VQ	Result	LOQ	LOD	DL	VQ	Result	LOQ	LOD	DL	VQ	Result	LOQ	LOD	DL	VQ	Result	LOQ	LOD	DL	VQ	Result	LOQ	LOD
Field Tests																														
Dissolved Oxygen	mg/L	-	**2.74**					**2.09**					**2.78**					**2.82**					**2.69**					**2.21**		
Oxygen Reduction Potential	mV	-	**-168.2**					**-294.3**					**-229.7**					**-211.6**					**-250.1**					**-276**		
pH	pH units	-	**7.74**					**7.68**					**7.59**					**8.01**					**7.47**					**7.98**		
Specific Conductance	mmhos/cm	-	**1.709**					**1.591**					**2.346**					**1.085**					**2.387**					**0.69**		
Temperature	Deg C	-	**29.8**					**21.1**					**23.6**					**28.5**					**29.7**					**22.8**		
Turbidity	NTU	-	**2**					**74**					**2**					**2**					**8**					**2**		
SEMIVOLATILES																														
Dieldrin	µg/L	0.002	**0.0019**	0.0019	0.00095	0.0009	U	**0.0054**	0.002	0.001	0.00096		**0.0019**	0.0019	0.00095	0.0009	U	**0.0019**	0.0019	0.00095	0.00089	J	**0.002**	0.002	0.001	0.00094	U	**0.016**	0.002	0.001

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	MW-147						MW-148					MW-149					MW-151					MW-152					NZ-120					NZ-121				
20	OT071-30021						OT071-30022					OT071-30023					OT071-30024					OT071-30025					OT071-30031					OT071-30032				
	5/9/2013						4/30/2013					4/29/2013					5/3/2013					4/30/2013					5/1/2013					5/2/2013				
	FD						REG					REG					REG					REG					REG					REG				
DL	VQ	Result	LOQ	LOD	DL	VQ	Result	LOQ	LOD	DL	VQ	Result	LOQ	LOD	DL	VQ	Result	LOQ	LOD	DL	VQ	Result	LOQ	LOD	DL	VQ	Result	LOQ	LOD	DL	VQ	Result	LOQ	LOD	DL	VQ
		NA					**0.52**					**0.74**					**2.98**					**0.68**					**2.74**					**2.04**				
		NA					**-259.1**					**-134.1**					**-293.6**					**-261.2**					**-194.9**					**-270.7**				
		NA					**8.28**					**8.5**					**810**					**8.4**					**7.42**					**7.46**				
		NA					**0.928**					**2.667**					**1.38**					**0.904**					**1.708**					**3.043**				
		NA					**25.4**					**27.6**					**21.6**					**24.4**					**25.9**					**20.2**				
		NA					**4**					**2**					**176**					**4**					**7**					**1000**				
0.00095		**0.015**	0.0019	0.00096	0.00091		**0.002**	0.002	0.00099	0.00093	U	**0.0019**	0.0019	0.00094	0.00089	U	**0.0032**	0.002	0.001	0.00094		**0.0019**	0.0019	0.00097	0.00091	U	**0.0024**	0.0019	0.00095	0.0009		**0.0019**	0.0019	0.00096	0.00091	U

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NZ-122					NZ-123				
OT071-30033					OT071-30034				
5/2/2013					5/3/2013				
REG					REG				
Result	LOQ	LOD	DL	VQ	Result	LOQ	LOD	DL	VQ
2.69					**2.16**				
-252.9					**-293.2**				
7.43					**7.29**				
2.056					**3.241**				
23.1					**20.8**				
1					**1000**				
0.028	0.0076	0.0038	0.0036		**0.0044**	0.002	0.001	0.00094	

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	Location Code:		NZ-124					NZ-125					NZ-84					NZ-65					NZ-66					NZ-89			
	Sample ID:		OT071-30035					OT071-30036					OT071-30026					OT071-30027					OT071-30028					OT071-30029			
	Sample Date:		5/1/2013					5/2/2013					4/29/2013					4/30/2013					5/2/2013					5/2/2013			
	Sample Purpose:		REG					REG					REG					REG					REG					REG			
Parameter	Units	MCL	Result	LOQ	LOD	DL	VQ	Result	LOQ	LOD	DL	VQ	Result	LOQ	LOD	DL	VQ	Result	LOQ	LOD	DL	VQ	Result	LOQ	LOD	DL	VQ	Result	LOQ	LOD	DL
Field Tests																															
Dissolved Oxygen	mg/L	-	**2.85**					**3.01**					**3.11**					**2.3**					**7.88**					**2.51**			
Oxygen Reduction Potential	mV	-	**-197.8**					**-251.8**					**-112.8**					**-168.5**					**-220.9**					**-234.1**			
pH	pH units	-	**7.54**					**7.44**					**7.96**					**7.88**					**7.56**					**7.74**			
Specific Conductance	mmhos/cm	-	**2.718**					**1.826**					**0.912**					**1.168**					**1.17**					**1.754**			
Temperature	Deg C	-	**26.8**					**22.3**					**30**					**29.1**					**24.8**					**26.1**			
Turbidity	NTU	-	**1**					**3**					**6**					**85**					**1**					**8**			
SEMIVOLATILES																															
Dieldrin	µg/L	0.002	**0.0033**	0.0019	0.00095	0.0009		**0.0088**	0.0019	0.00096	0.00091		**0.0019**	0.0019	0.00094	0.00089	U	**0.002**	0.002	0.00098	0.00093	U	**0.099**	0.039	0.019	0.018		**0.059**	0.019	0.0095	0.009

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April 2013 Groundwater Analytical Results
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Former George Air Force Base, California

	NZ-91				
	OT071-30030				
	5/7/2013				
	REG				
VQ	Result	LOQ	LOD	DL	VQ
	2.82				
	-193.6				
	7.92				
	1.309				
	20.2				
	91				
	0.088	0.02	0.0099	0.0093	

NOTES:
Deg C - Degrees Celsius.
DL - Detection limit.
FD - Field duplicate sample.
LOD - Limit of detection.
LOQ - Limit of quantification.
MCL - Maximum contaminant level, the lower of the Federal and California MCLs
California MCLs - California Department of Public Health, 2012, California Code of Regulations - Title 22
Federal MCLs - EPA, 2012, 2012 Drinking Water Standards and Health Advisories, EPA 822-S-12-001, April
µg/L - Micrograms per liter.
mg/L - Milligrams per liter.
mmhos/cm - Micromohs per centimeter.
mV - Millivolts.
NA - Not analyzed.
NTU - Nephelometric turbidity units.
REG- Regular analytical sample.
Shaded - Greater than the MCL.
VQ - Validation qualifier.

Validation Qualifiers
J - Result should be considered estimated.
U - Undetected result, unaffected during data validation.