STATE OF NEVADA
DIVISION OF WATER RESOURCES
WELL DRILLER'S REPORT

OFFICE USE ONLY
Log No. 115554
Permit No.
Basin 101

PRINT OR TYPE ONLY
DO NOT WRITE ON BACK

Please complete this form it its entirety in accordance with NRS 534.170 and NAC 534.340

NOTICE OF INTENT NO. 62153

1. OWNER U.S. Navy MW-26
MAILING ADDRESS 4755 Pasture Road, Fallon Nv. 89496
ADDRESS AT WELL LOCATION NAS Fallon Nv.
4755 Pasture Road, Fallon Nv. 89496

2. LOCATION NW¼ SE ¼ Sec 23 T 18N N/S R 29 E
PERMIT/WAIVER No. 006-611-01 (Issued by Water Resources) Parcel No.
Latitude 39. 242720
Longitude 118. 414918
Subdivision Name: N/A
UTM E 2592506.21 N 14818830.66
☐ NAD 27 ☑ NAD 83/WGS 84
County: Churchill

3. WORKED PERFORMED
☑ New Well ☐ Replace ☐ Recondition
☐ Deepen ☐ Other...

4. PROPOSED USE
☐ Domestic ☐ Irrigation ☐ Test
☐ Municipal/Industrial ☑ Monitor ☐ Stock

5. WELL TYPE
☐ Cable ☐ Rotary ☐ RVC
☐ Air ☑ Other..Auger

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Silty sand, brown fine to medium	no	0	3	3
Sand, brown fine to very fine	no	3	8	5
Silty clay, brown	no	8	10	2
Clayey sand, brown	yes	10	13	3
Clay, brown	no	13	15	2
Silty sand, brown fine to medium	yes	15	20	5
Clay, brown	no	20	21	1

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Date started 30-Jan, 20 12
Date completed 30-Jan, 20 12

7. WELL TEST DATA
TEST METHOD: ☐ Bailer ☐ Pump ☐ Air Lift

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
	39.406792 °N	NAD
	118.695227 °N	27

8. WELL CONSTRUCTION
Depth Drilled 21 Feet Depth Cased 21 Feet

HOLE DIAMETER (BIT SIZE)

	From	To
8 Inches	0 Feet	21 Feet
Inches	Feet	Feet
Inches	Feet	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
2.375		.152	0	11

Perforations:
Type of perforation mill slot
Size of perforation 0.01
From 11 feet to 21 feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Surface Seal: ☑ Yes ☐ No
Depth of Seal 10
Placement Method: ☐ Pumped ☑ Poured
Seal Type: ☑ Neat Cement ☐ Cement Grout ☐ Concrete Grout
Gravel Packed: ☑ Yes ☐ No
From 10 feet to 21 feet

9. WATER LEVEL
Static water level 8 feet below land surface
Artesian flow G.P.M P.S.I
Water temperature °F Quality

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.
Name WDC Exploration & Wells (Contractor)
Address PO Box 141 Zamora, Ca. 95698 (Contractor)
Nevada contractor's license number issued by the *State Contractor's Board* 0012852
Nevada driller's license number issued by the Division of Water Resources, the *on-site driller* 2111-T1
Signed (By driller performing actual drilling on site or contractor)
Date 3/6/2012

(Rev. 06/10)
USE ADDITIONAL SHEETS IF NECESSARY

Sheet 1 of 2

DO:

Bldg./Site: 16

Project Name: NAS FALLON TCRA

TETRA TECH EM INC.

SOIL BORING AND WELL INSTALLATION AND VISUAL CLASSIFICATION LOG

Boring Number: TT16 - MW20	Date Started: 1/31/12
Drilling Method: (*Circle one*) HSA Continuous Core/Direct Push/Hand Auger	Date Completed: 1/31/12
Air Rotary/Mud Rotary/Dual Tube Percussion/Sonic/Vacuum	Logged By: V. PRILEPIN
Outer Diameter of Boring: 8"	Drilling Subcontractor: WDC Exploration & Wells
Inner Diameter of Well Casing: 2"	Driller: Gary WHITNEY
Depth to Water (ft./bgs.) 5.51' bgs	Location Sketch:

Time	Depth (ft) bgs	Drive Interval	Recovered Interval	Sample ID	Blow count (per 6 inches) / V.S. utility type, etc.	Description	USCS soil symbol	Well construction	OVM (ppm)
	2		50			0-5ft HAND AUGERED 0-1.5 silty sand, dark brown 7.5YR3/2, loose, poorly graded; 70% sand, 20% silt, 10% clay	SM CL		
	4		100			1.5-3.5 clay, dark brown, 7.5YR 3/3, moderate to low plasticity w/ depth, w/ tiny mica 3.5-7.5 silty sand, brown, 7.5YR 4/4, mottled, loose, damp, micaceous 70% sand 30 silt; mica content & size increases at 7.5'	SM		
	6								
	8					7.5-8.5 clay, dark brown 7.5YR 4/3, low to moderate plasticity, dense to soft at 8.5, clay content decreases from 100% to 70% at 8.5 (silty clay) 8.5-10 clayey silt dark brown, saturated	CL ML		
	10		100						

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TETRA TECH EM INC.

SOIL BORING AND WELL INSTALLATION AND VISUAL CLASSIFICATION LOG

DO:
Bldg./Site: 16
Project Name: NAS FALLON TCRA

TT16-MW26

Time	Depth (ft) bgs	Drive Interval	Recovered Interval	Sample ID	V.O. utility type, dia. / Blow count (per 6 inches)	Description	USCS soil symbol	Well construction	OVM (ppm)
			100			10 - 13 Clay, dark brown, low plasticity, w/ tiny mica, with 0.5' intervals of stiff clay, damp to wet at 13 100% clay	CL		
	12					13.5 - 14 sandy silt dark brown, soft, saturated grading to silty clay: 70% silt 30% clay	ML/CL		
	14					14 - 17.5 silty clay, dark brown, low to moderate plasticity. 80% clay, dry to damp.	CL		
			80						
	16								
						17.5 - 23.5 competent clay, dark brown, 7.5 YR 5/3, low plasticity, brittled, moist when broken, dense			
	18								
	20		100						
	22								
	24					TD 23.5 ft; well is installed from 20' bgs. DTW = 5.51' bgs, 15:50, 1/31/12			

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