District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-144
March 12, 2004

For drilling and production facilities, submit to appropriate NMOCD District Office.
For downstream facilities, submit to Santa Fe office

Pit or Below-Grade Tank Registration or Closure

Is pit or below-grade tank covered by a "general plan"? Yes ☒ No ☐
Type of action: Registration of a pit or below-grade tank ☐ Closure of a pit or below-grade tank ☒

Operator: BP AMERICA PROD. CO. Telephone: (505) 326-9200

Address: 200 Energy Court, Farmington, NM 87410

Facility or well name: FLORANCE C #8R API #: 30-045-25591 U/L or Qtr/Qtr K Sec 19 T 28N R 8W

County: San Juan Latitude 36.64353 Longitude 107.72621 NAD: 1927 ☐ 1983 ☒ Surface Owner Federal ☒ State ☐ Private ☐ Indian ☐

Pit
Type: Drilling ☐ Production ☐ Disposal ☒ PRODUCTION TANK
Workover ☐ Emergency ☐
Lined ☐ Unlined ☒
Liner type: Synthetic ☐ Thickness ____mil Clay ☐ Volume ____bbl

Below-grade tank
Volume: ____bbl Type of fluid: ____
Construction material: N/A
Double-walled, with leak detection? Yes ☐ If not, explain why not.

RCVD JUN13'07
OIL CONS. DIV.
DIST. 3

Depth to ground water (vertical distance from bottom of pit to seasonal high water elevation of ground water.)	Less than 50 feet 50 feet or more, but less than 100 feet 100 feet or more	(20 points) (10 points) (0 points) 10
Wellhead protection area: (Less than 200 feet from a private domestic water source, or less than 1000 feet from all other water sources.)	Yes No	(20 points) (0 points) 0
Distance to surface water: (horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses.)	Less than 200 feet 200 feet or more, but less than 1000 feet 1000 feet or more	(20 points) (10 points) (0 points) 10
	Ranking Score (Total Points)	20

If this is a pit closure: (1) attach a diagram of the facility showing the pit's relationship to other equipment and tanks. (2) Indicate disposal location: onsite ☒ offsite ☐ If offsite, name of facility____. (3) Attach a general description of remedial action taken including remediation start date and end date. (4) Groundwater encountered: No ☒ Yes ☐ If yes, show depth below ground surface____ft. and attach sample results. (5) Attach soil sample results and a diagram of sample locations and excavations.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. **I further certify that the above-described pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☒, a general permit ☐, or an (attached) alternative OCD-approved plan ☒.**

Date: 07/01/04

Printed Name/Title **Jeff Blagg – P.E. # 11607** Signature Jeffrey a. Blagg

Your certification and NMOCD approval of this application/closure does not relieve the operator of liability should the contents of the pit or tank contaminate ground water or otherwise endanger public health or the environment. Nor does it relieve the operator of its responsibility for compliance with any other federal, state, or local laws and/or regulations.

Approval:

Date: AUG 1 0 2007

Printed Name/Title Deputy Oil & Gas Inspector, District #3 Signature

3004525591 NAD 36.64353 x 107.72621

CLIENT: _____

BLAGG ENGINEERING, INC.
P.O. BOX 87, BLOOMFIELD, NM 87413
(505) 632-1199

LOCATION NO: B1420
COCR NO: HALL

FIELD REPORT: PIT CLOSURE VERIFICATION

PAGE No: 1 of 1

LOCATION: NAME: FLORANCE C WELL #: 8R TYPE: PROD
QUAD/UNIT: K SEC: 19 TWP 28N RNG: 8W PM: NM CNTY: SJ ST: NM
QTR/FOOTAGE: 1450'S/1380'W NESW CONTRACTOR: HD (JOAQUIM)

DATE STARTED 6-11-04
DATE FINISHED 6-11-04
ENVIRONMENTAL SPECIALIST: JCB

EXCAVATION APPROX. NA FT. x NA FT. x NA FT. DEEP. CUBIC YARDAGE: 0
DISPOSAL FACILITY: NA REMEDIATION METHOD: CLOSE AS IS
LAND USE: RANGE LEASE: NM03549 FORMATION: DK

FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 126 FT. N49E FROM WELLHEAD.
DEPTH TO GROUNDWATER <100 NEAREST WATER SOURCE >1000 NEAREST SURFACE WATER <1000
NMOCD RANKING SCORE 20 NMOCD TPH CLOSURE STD 100 PPM

OVM CALIB. READ. = 53.0 ppm
OVM CALIB. GAS = 100 ppm RF = 0.52
TIME. 1400 am/pm DATE. 6-11-04

SOIL AND EXCAVATION DESCRIPTION:

SOIL TYPE: (SAND) / SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER
SOIL COLOR: Yellow TAN
COHESION (ALL OTHERS): (NON COHESIVE) / SLIGHTLY COHESIVE / COHESIVE / HIGHLY COHESIVE
CONSISTENCY (NON COHESIVE SOILS): (LOOSE) / FIRM / DENSE / VERY DENSE
PLASTICITY (CLAYS): NON PLASTIC / SLIGHTLY PLASTIC / COHESIVE / MEDIUM PLASTIC / HIGHLY PLASTIC
DENSITY (COHESIVE ~~CLAYS & SILTS~~): SOFT / FIRM / STIFF / VERY STIFF / HARD
MOISTURE: DRY / (SLIGHTLY MOIST) / MOIST / WET / SATURATED / SUPER SATURATED
DISCOLORATION/STAINING OBSERVED YES / (NO) EXPLANATION -
HC ODOR DETECTED: YES / (NO) EXPLANATION -
SAMPLE TYPE: (GRAB) / COMPOSITE - # OF PTS.
ADDITIONAL COMMENTS. 12'X12'x3' Deep EARTHEN Pit. Use backhoe to dig test trench. NO EVIDENCE of contamination.

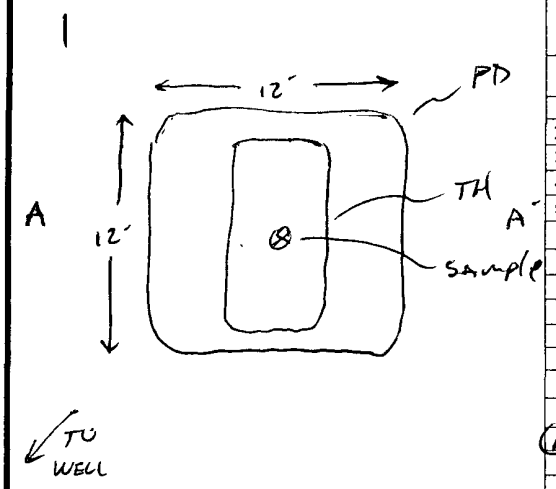
CLOSED

FIELD 418.1 CALCULATIONS

SAMP. TIME	SAMP. ID	LAB NO.	WEIGHT (g)	mL FREON	DILUTION	READING	CALC. (ppm)

SCALE 0 FT

PIT PERIMETER



PD = PIT DEPRESSION, BG = BELOW GRADE, B = BELOW
TH = TEST HOLE, ~ = APPROX., TB = TANK BOTTOM

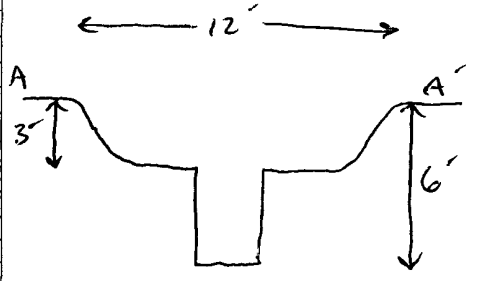
OVM READING

SAMPLE ID	FIELD HEADSPACE (ppm)
1 @ 6'	0.0
2 @	
3 @	
4 @	
5 @	

LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME
@6'	TPH	1245
	CL	

PIT PROFILE



TRAVEL NOTES: CALLOUT: 6/11/04 0710 ONSITE: 6/11/04 1230

revised: 09/04/02 bei1005C.skf

Hall Environmental Analysis Laboratory

Date: *06-Jul-04*

CLIENT:	Blagg Engineering	**Client Sample ID:**	Prod. #1 @ 6'
Lab Order:	0406133	**Collection Date:**	6/11/2004 12:45:00 PM
Project:	Florance C #8R		
Lab ID:	0406133-01	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 9056A: ANIONS						Analyst: **IC**
Chloride	ND	1.5		mg/Kg	1	7/1/2004 7:10:46 PM
EPA METHOD 8015B: DIESEL RANGE						Analyst: **JMP**
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	6/18/2004 4:19:17 AM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	6/18/2004 4:19:17 AM
Surr: DNOP	111	60-124		%REC	1	6/18/2004 4:19:17 AM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/18/2004 1:42:38 AM
Surr: BFB	89.8	74-118		%REC	1	6/18/2004 1:42 38 AM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

CHAIN-OF-CUSTODY RECORD

QA / QC Package:
Std ☐ Level 4 ☐
Other: _____

Client: BLAGG ENGR. / BP AMERICA

Project Name: FLORANCE C #8R

Address: P. O. BOX 87
BLFD., NM 87413

Project #:

Project Manager: NV

Phone #: 632-1199

Sampler: NV

Fax #:

Sample Temperature: 6°

Date	Time	Matrix	Sample I.D. No.	Number/Volume	Preservative			HEAL No.
					$HgCl_2$	HNO_3	cool	
9/20/06	1347	SOIL	BH1 @ 15'-17'	1-4oz.			✓	0609260 -1
			DEHYDRATOR PIT					

HALL ENVIRONMENTAL ANALYSIS LABORATORY
4901 Hawkins NE, Suite D
Albuquerque, New Mexico 87109
Tel. 505.345.3975 Fax 505.345.4107
www.hallenvironmental.com

ANALYSIS REQUEST

BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gasoline Only)	TPH Method 8015B (Gas/Diesel)	TPH (Method 418.1)	EDB (Method 504.1)	EDC (Method 8021)	8310 (PNA or PAH)	RCRA 8 Metals	Anions (F, Cl, NO_3, NO_2, PO_4, SO_4)	8081 Pesticides / PCB's (8082)	8260B (VOA)	8270 (Semi-VOA)	CHLORIDE				Air Bubbles or Headspace (Y or N)
		✓										✓				

Date:	Time:	Relinquished By: (Signature)	Received By: (Signature)	
9/21/06	0730			9-21-06 @ 1615
Date:	Time:	Relinquished By: (Signature)	Received By: (Signature)	

Remarks:

QA/QC SUMMARY REPORT

Client: Blagg Engineering
Project: Florance C #8R
Work Order: 0609260

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: SW9056A									
Sample ID: MB-11355		*MBLK*			Batch ID:	**11355**	Analysis Date:	9/26/2006 1:34:07 PM	
Chloride	ND	mg/Kg	0.30						
Sample ID: LCS-11355		*LCS*			Batch ID:	**11355**	Analysis Date:	9/26/2006 12:24:29 PM	
Chloride	14.68	mg/Kg	0.30	97.9	90	110			
Method: SW8015									
Sample ID: MB-11335		*MBLK*			Batch ID:	**11335**	Analysis Date:	9/22/2006 8:31:32 PM	
Diesel Range Organics (DRO)	ND	mg/Kg	10						
Motor Oil Range Organics (MRO)	ND	mg/Kg	50						
Sample ID: LCS-11335		*LCS*			Batch ID:	**11335**	Analysis Date:	9/22/2006 9:06:03 PM	
Diesel Range Organics (DRO)	39.52	mg/Kg	10	79.0	64.6	116			
Sample ID: LCSD-11335		*LCSD*			Batch ID:	**11335**	Analysis Date:	9/22/2006 9:40:51 PM	
Diesel Range Organics (DRO)	37.46	mg/Kg	10	74.9	64.6	116	5.35	17.4	
Method: SW8015									
Sample ID: MB-11343		*MBLK*			Batch ID:	**11343**	Analysis Date:	9/26/2006 1:06:36 AM	
Gasoline Range Organics (GRO)	ND	mg/Kg	5.0						
Sample ID: LCS-11343		*LCS*			Batch ID:	**11343**	Analysis Date:	9/26/2006 1:36:35 AM	
Gasoline Range Organics (GRO)	21.20	mg/Kg	5.0	80.8	73.4	115			
Sample ID: LCSD-11343		*LCSD*			Batch ID:	**11343**	Analysis Date:	9/26/2006 2:06:38 AM	
Gasoline Range Organics (GRO)	20.60	mg/Kg	5.0	78.4	73.4	115	2.87	11.6	

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Sample Receipt Checklist

Client Name BLAGG | Date and Time Received: 9/21/2006

Work Order Number 0609260 | Received by GLS

Checklist completed by [signature] Signature | 9-21-06 Date

Matrix | Carrier name Greyhound

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐	
Custody seals intact on shipping container/cooler?	Yes ☑	No ☐	Not Present ☐	Not Shipped ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	N/A ☑	
Chain of custody present?	Yes ☑	No ☐		
Chain of custody signed when relinquished and received?	Yes ☑	No ☐		
Chain of custody agrees with sample labels?	Yes ☑	No ☐		
Samples in proper container/bottle?	Yes ☑	No ☐		
Sample containers intact?	Yes ☑	No ☐		
Sufficient sample volume for indicated test?	Yes ☑	No ☐		
All samples received within holding time?	Yes ☑	No ☐		
Water - VOA vials have zero headspace?	No VOA vials submitted ☑	Yes ☐	No ☐	
Water - pH acceptable upon receipt?	Yes ☐	No ☐	N/A ☑	

Container/Temp Blank temperature? **6°** *4° C ± 2 Acceptable* If given sufficient time to cool.

COMMENTS:

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding _____

Comments: _____

Corrective Action _____

CHAIN-OF-CUSTODY RECORD

Accreditation Applied: NELAC ☐ USACE ☐
Other: _____

Client: BLAGG ENGINEERING
Address: P.O. BOX 87
BLOOMFIELD, NM 87413
Phone #: 505-632-1199
Fax #:

Project Name: FLORANCE C #8R
Project #:
Project Manager: Jeff BLAGG
Sampler: Jeff BLAGG
Sample Temperature: 3°C

HALL ENVIRONMENTAL ANALYSIS LABORATORY
4901 Hawkins NE, Suite D
Albuquerque, New Mexico 87109
Tel. 505.345.3975 Fax 505.345.4107
www.hallenvironmental.com

ANALYSIS REQUEST

Date	Time	Matrix	Sample I.D. No.	Number/Volume	Preservative $HgCl_2$	Preservative HNO_3	Preservative	HEAL No.
6/11/04	1245	SOIL	PROD. #1 @ 6'	1-4oz				0406133-1
6/11/04	1302	"	DEHY #1 @ 8'	1-4oz				-2

BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gasoline Only)	TPH Method 8015B (Gas/Diesel)	TPH (Method 418.1)	EDB (Method 504.1)	EDC (Method 8021)	8310 (PNA or PAH)	RCRA 8 Metals	Anions ($F, Cl, NO_3, NO_2, PO_4, SO_4$)	8081 Pesticides / PCB's (8082)	8260B (VOA)	8270 (Semi-VOA)	CHLORIDE				Air Bubbles or Headspace (Y or N)
		X										X				
		X										X				

Date	Time	Relinquished By: (Signature)	Received By: (Signature)
6/14/04	0800		6/14/04 1201
Date:	Time:	Relinquished By: (Signature)	Received By: (Signature)

Remarks:

Hall Environmental Analysis Laboratory

Date: *06-Jul-04*

CLIENT: Blagg Engineering
Work Order: 0406133
Project: Florance C #8R

QC SUMMARY REPORT
Method Blank

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Sample ID MB-6054 Batch ID: **6054** Test Code: **E300** Units: **mg/Kg** Analysis Date **7/1/2004 12:21:00 AM** Prep Date **6/30/2004**											
Client ID: Run ID: **LC_040630A** SeqNo: **283540**											
Chloride	1.013	0.3									
Sample ID MB-6057 Batch ID: **6057** Test Code: **E300** Units: **mg/Kg** Analysis Date **7/1/2004 6:20:21 PM** Prep Date **7/1/2004**											
Client ID: Run ID: **LC_040701A** SeqNo: **283842**											
Chloride	0.726	0.3									
Sample ID MB-5986 Batch ID: **5986** Test Code: **SW8015** Units: **mg/Kg** Analysis Date **6/18/2004 1:20:08 PM** Prep Date **6/17/2004**											
Client ID: Run ID: **FID(17A) 2_040618A** SeqNo: **281291**											
Diesel Range Organics (DRO)	ND	10									
Motor Oil Range Organics (MRO)	ND	50									
Surr: DNOP	10.26	0	10	0	103	60	124	0			
Sample ID MB-5790 Batch ID: **R12197** Test Code: **SW8015** Units: **mg/Kg** Analysis Date **6/18/2004 12:11:54 AM** Prep Date											
Client ID: Run ID: **PIDFID_040617A** SeqNo: **280908**											
Gasoline Range Organics (GRO)	ND	5									
Surr: BFB	973.9	0	1000	0	97.4	74	118	0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

Hall Environmental Analysis Laboratory

Date: *06-Jul-04*

CLIENT: Blagg Engineering
Work Order: 0406133
Project: Florance C #8R

QC SUMMARY REPORT
Sample Matrix Spike

Sample ID **0406133-01a ms** Batch ID: **R12197** Test Code: **SW8015** Units: **mg/Kg** Analysis Date **6/18/2004 2:42:59 AM** Prep Date
Client ID: **Prod. #1 @ 6'** Run ID: **PIDFID_040617A** SeqNo: **280911**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	25.17	5	25	0	101	73.8	120	0			
Surr: BFB	1012	0	1250	0	80.9	74	118	0			

Sample ID **0406133-01a msd** Batch ID: **R12197** Test Code: **SW8015** Units: **mg/Kg** Analysis Date **6/18/2004 3:13:08 AM** Prep Date
Client ID: **Prod. #1 @ 6'** Run ID: **PIDFID_040617A** SeqNo: **280913**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	22.63	5	25	0	90.5	73.8	120	25.17	10.6	11.6	
Surr: BFB	952.8	0	1250	0	76.2	74	118	1012	5.99	0	

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

1

CLIENT: Blagg Engineering
Work Order: 0406133
Project: Florance C #8R

QC SUMMARY REPORT

Laboratory Control Spike - generic

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Sample ID LCS-6054 Batch ID: **6054** Test Code: **E300** Units: **mg/Kg** Analysis Date **7/1/2004 12:54:00 AM** Prep Date **6/30/2004**											
Client ID: Run ID: **LC_040630A** SeqNo: **283542**											
Chloride	14.38	0.3	15	1.013	89.1	90	110	0			BS
Sample ID LCS-6057 Batch ID: **6057** Test Code: **E300** Units: **mg/Kg** Analysis Date **7/1/2004 6:37:09 PM** Prep Date **7/1/2004**											
Client ID: Run ID: **LC_040701A** SeqNo: **283843**											
Chloride	14.12	1.5	15	0	94.1	90	110	0			
Sample ID LCS-5986 Batch ID: **5986** Test Code: **SW8015** Units: **mg/Kg** Analysis Date **6/18/2004 1:50:34 PM** Prep Date **6/17/2004**											
Client ID: Run ID: **FID(17A) 2_040618A** SeqNo: **281292**											
Diesel Range Organics (DRO)	42.11	10	50	0	84.2	67.4	117	0			
Sample ID LCSD-5986 Batch ID: **5986** Test Code: **SW8015** Units: **mg/Kg** Analysis Date **6/18/2004 2:21:04 PM** Prep Date **6/17/2004**											
Client ID: Run ID: **FID(17A) 2_040618A** SeqNo: **281293**											
Diesel Range Organics (DRO)	44.96	10	50	0	89.9	67.4	117	42.11	6.54	17.4	
Sample ID LCS-5790 Batch ID: **R12197** Test Code: **SW8015** Units: **mg/Kg** Analysis Date **6/18/2004 12:42:12 AM** Prep Date											
Client ID: Run ID: **PIDFID_040617A** SeqNo: **280909**											
Gasoline Range Organics (GRO)	24.28	5	25	0	97.1	73.8	120	0			

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

Hall Environmental Analysis Laboratory

Sample Receipt Checklist

Client Name BLAGG | Date and Time Received: 6/14/2004

Work Order Number 0406133 | Received by AT

Checklist completed by _____ 6/14/04
Signature | Date

Matrix | Carrier name Greyhound

Shipping container/cooler in good condition?		Yes ☑	No ☐	Not Present ☐			
Custody seals intact on shipping container/cooler?		Yes ☐	No ☐	Not Present ☑	Not Shipped ☐		
Custody seals intact on sample bottles?		Yes ☐	No ☑	N/A ☐			
Chain of custody present?		Yes ☑	No ☐				
Chain of custody signed when relinquished and received?		Yes ☑	No ☐				
Chain of custody agrees with sample labels?		Yes ☑	No ☐				
Samples in proper container/bottle?		Yes ☑	No ☐				
Sample containers intact?		Yes ☑	No ☐				
Sufficient sample volume for indicated test?		Yes ☑	No ☐				
All samples received within holding time?		Yes ☑	No ☐				
Water - VOA vials have zero headspace?	No VOA vials submitted ☑		Yes ☐	No ☐			
Water - pH acceptable upon receipt?		Yes ☐	No ☐	N/A ☑			

Container/Temp Blank temperature? **3°** *4° C ± 2 Acceptable*
If given sufficient time to cool.

COMMENTS:

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding _____

Comments: _____

Corrective Action _____