



DEPARTMENT OF THE ARMY  
CAMP STANLEY STORAGE ACTIVITY, RRAD  
25800 RALPH FAIR ROAD, BOERNE, TX 78015-4800

April 26, 2005

U-255-05

Mr. Sonny Rayos  
Texas Commission on Environmental Quality  
Industrial and Hazardous Waste Section  
PO Box 13087 (MC-127)  
Austin, TX 78711-3087

Subject: Response to TCEQ letter dated March 24, 2005, Concerning the Final June 2004 On-Post Quarterly Groundwater Monitoring Report, Camp Stanley Storage Activity (CSSA), Boerne, Texas; TCEQ Solid Waste Registration Number 69026; EPA Identification Number: TXD2210020739

Dear Mr. Rayos:

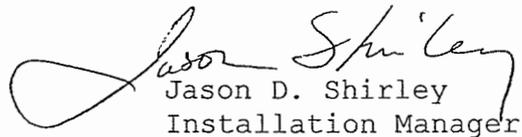
The Camp Stanley Storage Activity (CSSA), Red River Army Depot, Tank-Automotive and Armaments Command, Army Materiel Command, U.S. Army, has received the letter from the Texas Commission on Environmental Quality (TCEQ), dated March 24, 2005, concerning the Final June 2004 On-Post Quarterly Groundwater Monitoring Report.

CSSA provides this response to submit the following additional information, requested by the TCEQ:

1. TCEQ requests CSSA to include maps in future submittals showing the locations of the Westbay® wells.  
Future groundwater monitoring reports will include the Westbay® wells on all figures.
2. TCEQ requests presentation of TCE, PCE and other contaminant constituents as isoconcentration maps in addition to narratives.  
Please see the isoconcentration maps submitted with the September 1, 2004, letter responding to TCEQ letter August 19, 2004. The isoconcentration maps for each quarter will be submitted with future groundwater monitoring reports.
3. Please submit, as a one time submittal, well diagrams for each of the Westbay® wells documenting the "screened" intervals.  
Please see attached State of Texas well log reports for the Westbay® wells and a Westbay® wells cross-section.

If you have any further questions, or if we can be of any assistance, do not hesitate to call me at 210-295-7416.

Sincerely,

  
Jason D. Shirley  
Installation Manager

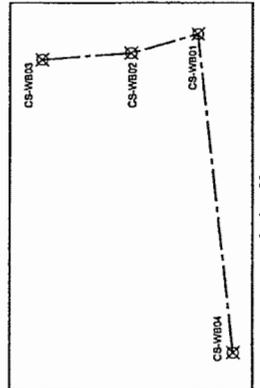
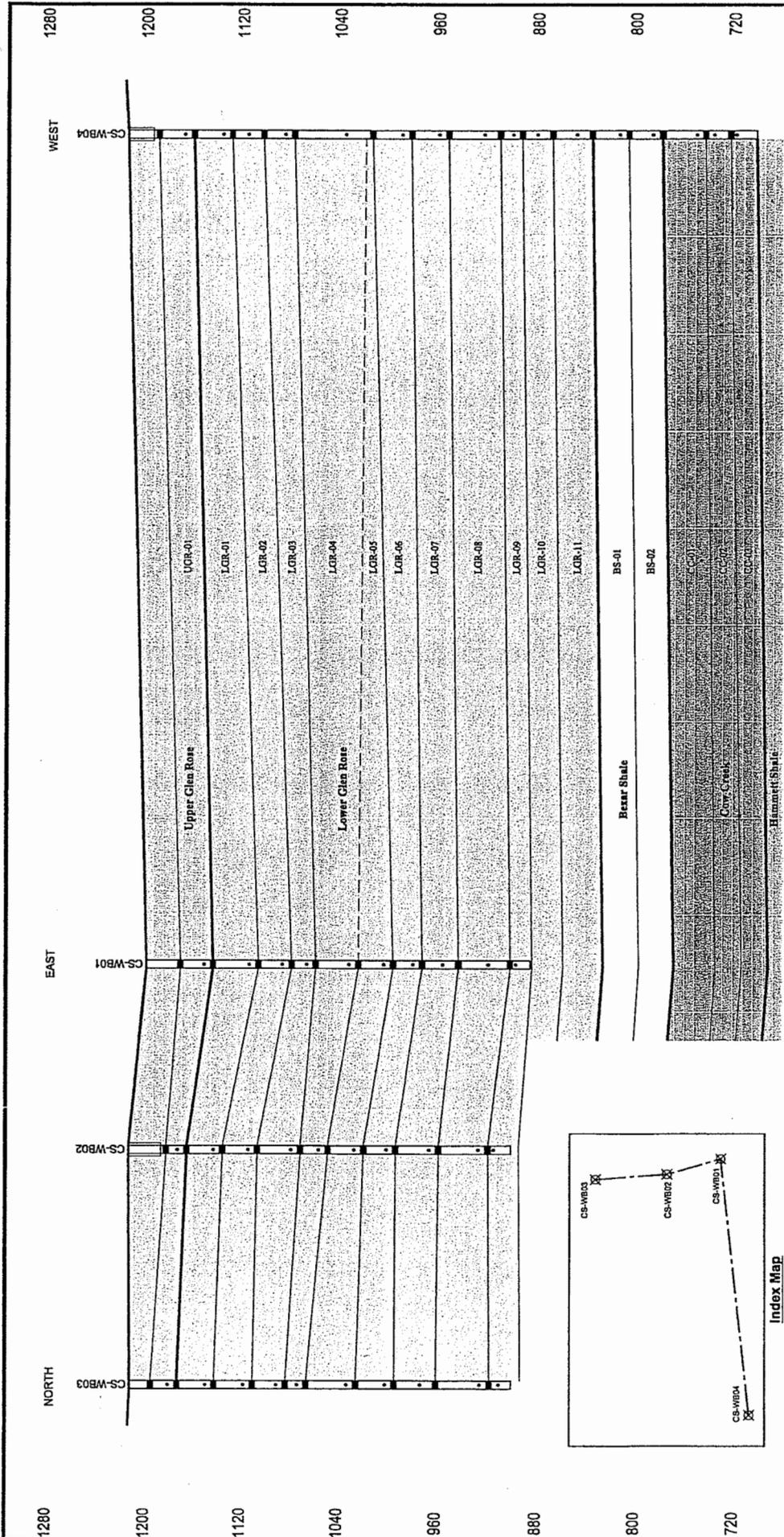
## Attachments

cc: Mr. Greg Lyssy  
EPA Region 6

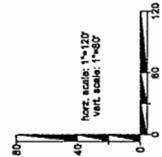
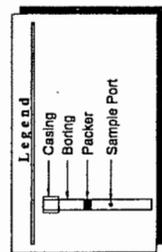
Mr. Jorge Salazar  
TCEQ, Region 13

Mr. Rod Hudson  
U.S. Army, Army Medical Command, Fort Sam Houston, Staff Judge  
Advocate

Ms. Julie Burdey  
Parsons



Index Map



**Attachment 1**  
 Geology and Construction of  
 the Multi-level Monitoring System  
 Camp Stanley Storage Activity, Texas  
**PARSONS**

### STATE OF TEXAS WELL REPORT for Tracking #51113

Owner:	U.S. ARMY	Owner Well #:	CS-WB01
Address:	25800 RALPH FAIR ROAD BOERNE, TX 78015	Grid #:	68-19-6
Well Location:	25800 RALPH FAIR ROAD BOERNE, TX 78015	Latitude:	29° 40' 53" N
Well County:	Bexar	Longitude:	098° 37' 51" W
Elevation:	No Data	GPS Brand Used:	No Data

Type of Work:	New Well	Proposed Use:	Monitor
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Drilling Date:      Started: **6/9/2003**  
                          Completed: **8/22/2003**

Diameter of Hole:    Diameter: **4.25 in From Surface To 314 ft**

Drilling Method:     **Air Rotary**

Borehole  
Completion:          Other: **WESTBAY MULTI-PORT PACKER**

Annular Seal Data:   1st Interval: **No Data**  
                                  2nd Interval: **No Data**  
                                  3rd Interval: **No Data**

Surface  
Completion:          **Alternative Procedure Used**

Water Level:         Static level: **No Data**  
                                  Artesian flow: **No Data**

Packers:              **WESTBAY MULTI-PORT PACKERS WITH PACKERS SET AT:  
 26-31, 53-58, 91-96, 118-123, 138-143, 173-178, 201-206, 225-230, 254-259 AND 295-300**

Plugging Info:        Casing or Cement/Bentonite left in well: **No Data**

Type Of Pump:        **No Data**

Well Tests:           **No Data**

Water Quality:        Type of Water: **No Data**  
                                  Depth of Strata: **No Data**  
                                  Chemical Analysis Made: **No**  
                                  Did the driller knowingly penetrate any strata which contained undesirable constituents: **No**

Certification Data:    The driller certified that the driller drilled this well (or the well was drilled under the driller's direct supervision) and that each and all of the statements herein are true and correct. The driller understood that failure to complete the required items will result in the log(s) being returned for completion and resubmittal.

Company  
Information:            **GEOPROJECTS INTERNATIONAL, INC.  
 8834 CIRCLE DRIVE  
 AUSTIN, TX 78736**

Driller License  
Number:                **2525**

Licensed Well        **LEE GEBBERT**

Driller Signature:  
 Registered Driller      **No Data**  
 Apprentice  
 Signature:  
 Apprentice                **No Data**  
 Registration  
 Number:  
 Comments:                **No Data**

**IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING CONFIDENTIALITY**

TEX. OCC. CODE Title 12, Chapter 1901.251, authorizes the owner (owner or the person for whom the well was drilled) to keep information in Well Reports confidential. The Department shall hold the contents of the well log confidential and not a matter of public record if it receives, by certified mail, a written request to do so from the owner.

Please include the report's Tracking number (Tracking #51113) on your written request.

**Texas Department of Licensing & Regulation**  
**P.O. Box 12157**  
**Austin, TX 78711**  
**(512) 463-7880**

**DESC. & COLOR OF FORMATION MATERIAL**

**CASING, BLANK PIPE & WELL SCREEN DATA**

From (ft) To (ft) Description  
**0 TO 47 UPPER GLENROSE LIMESTONE**  
**47 TO 314 LOWER GLENROSE LIMESTONE**

Dia. New/Used    Type            Setting From/To  
**1.5 NEW SCH 40 PVC MULTI PORT PACKER**  
**COMPLETION WITH SAMPLE PORTS AT:**  
**48', 86', 113', 133', 168', 196', 220', 244', 280' AND 300'**

### STATE OF TEXAS WELL REPORT for Tracking #51114

Owner:	U.S. ARMY	Owner Well #:	CS-WB03
Address:	25800 RALPH FAIR ROAD BOERNE , TX 78015	Grid #:	68-19-6
Well Location:	25800 RALPH FAIR ROAD BOERNE , TX 78015	Latitude:	29° 40' 58" N
Well County:	Bexar	Longitude:	098° 37' 52" W
Elevation:	No Data	GPS Brand Used:	No Data
Type of Work: <b>New Well</b>		Proposed Use: <b>Monitor</b>	

Drilling Date:       Started: **6/24/2003**  
                          Completed: **8/27/2003**

Diameter of Hole:   Diameter: **4.25 in From Surface To 312 ft**

Drilling Method:    **Air Rotary**

Borehole  
Completion:         Other: **WESTBAY MULTI-PORT PACKER**

Annular Seal Data:  1st Interval: **No Data**  
                          2nd Interval: **No Data**  
                          3rd Interval: **No Data**

Surface  
Completion:         **Alternative Procedure Used**

Water Level:        Static level: **No Data**  
                          Artesian flow: **No Data**

Packers:            **WESTBAY MULTI-PORT PACKERS WITH PACKERS SET AT:**  
                          **15-20, 37-42, 68-53, 100-105, 127-132, 144-149, 185-190, 216-221, 250-255 AND 292-297**

Plugging Info:     Casing or Cement/Bentonite left in well: **No Data**

Type Of Pump:      **No Data**

Well Tests:         **No Data**

Water Quality:     Type of Water: **No Data**  
                          Depth of Strata: **No Data**  
                          Chemical Analysis Made: **No**  
                          Did the driller knowingly penetrate any strata which contained undesirable constituents: **No**

Certification Data: The driller certified that the driller drilled this well (or the well was drilled under the driller's direct supervision) and that each and all of the statements herein are true and correct. The driller understood that failure to complete the required items will result in the log(s) being returned for completion and resubmittal.

Company  
Information:        **GEOPROJECTS INTERNATIONAL, INC.**  
                          **8834 CIRCLE DRIVE**  
                          **AUSTIN , TX 78736**

Driller License  
Number:            **2525**

Licensed Well      **LEE GEBBERT**

Driller Signature:

Registered Driller **No Data**

Apprentice  
Signature:

Apprentice **No Data**

Registration  
Number:

Comments: **No Data**

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P.O. Box 12157  
Austin, TX 78711  
(512) 463-7880**

**DESC. & COLOR OF FORMATION MATERIAL**

From (ft) To (ft) Description  
**0 TO 23 UPPER GLENROSE LIMESTONE**  
**23 TO 312 LOWER GLENROSE LIMESTONE**

**CASING, BLANK PIPE & WELL SCREEN DATA**

Dia. New/Used Type Setting From/To  
**1.5 NEW SCH 40 PVC MULTI PORT PACKER**  
**COMPLETION WITH SAMPLE PORTS AT:**  
**32', 63', 95', 122', 139', 180', 211', 240', 287' AND 302'**



Company Information: **GEOPROJECTS INTERNATIONAL, INC.  
8834 CIRCLE DRIVE  
AUSTIN , TX 78736**

Driller License Number: **2525**

Licensed Well Driller Signature: **LEE GEBBERT**

Registered Driller Apprentice Signature: **No Data**

Apprentice Registration Number: **No Data**

Comments: **No Data**

**IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING CONFIDENTIALITY**

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Please include the report's Tracking number (Tracking #51115) on your written request.

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P.O. Box 12157  
Austin, TX 78711  
(512) 463-7880**

**DESC. & COLOR OF FORMATION MATERIAL**

From (ft) To (ft) Description  
**0 TO 35 UPPER GLENROSE LIMESTONE  
 35 TO 313 LOWER GLENROSE LIMESTONE**

**CASING, BLANK PIPE & WELL SCREEN DATA**

Dia.	New/Used	Type	Setting From/To
4.5	NEW	SCH 40 PVC RISER SET	FROM +3 TO 27
1.5	NEW	SCH 40 PVC MULTI PORT PACKER	COMPLETION WITH SAMPLE PORTS AT: 41', 71', 100', 135', 158', 187', 213', 248', 287' AND 297'

### STATE OF TEXAS WELL REPORT for Tracking #51116

Owner: <b>U.S. ARMY</b>	Owner Well #: <b>CS-WB04</b>
Address: <b>25800 RALPH FAIR ROAD BOERNE, TX 78015</b>	Grid #: <b>68-19-6</b>
Well Location: <b>25800 RALPH FAIR ROAD BOERNE, TX 78015</b>	Latitude: <b>29° 40' 52" N</b>
Well County: <b>Bexar</b>	Longitude: <b>098° 38' 03" W</b>
Elevation: <b>No Data</b>	GPS Brand Used: <b>No Data</b>
<hr/>	
Type of Work: <b>New Well</b>	Proposed Use: <b>Monitor</b>

Drilling Date: Started: **7/2/2003**  
Completed: **8/20/2003**

Diameter of Hole: Diameter: **7 7/8 in From Surface To 21 ft**  
Diameter: **4.25 in From 21 ft To 513 ft**

Drilling Method: **Air Rotary**

Borehole Completion: Other: **WESTBAY MULTI-PORT PACKER**

Annular Seal Data: 1st Interval: **From 0 ft to 21 ft with 5-CEMENT (#sacks and material)**  
2nd Interval: **No Data**  
3rd Interval: **No Data**  
Method Used: **TREMIE**  
Cemented By: **LEE GEBBERT**  
Distance to Septic Field or other Concentrated Contamination: **No Data**  
Distance to Property Line: **No Data**  
Method of Verification: **No Data**  
Approved by Variance: **No Data**

Surface Completion: **Alternative Procedure Used**

Water Level: Static level: **No Data**  
Artesian flow: **No Data**

Packers: **WESTBAY MULTI-PORT PACKERS WITH PACKERS SET AT:  
23-28, 52-57, 84-89, 110-115, 135-140, 199-204, 231-236, 261-266, 302-307, 320-325, 345-350,  
377-382, 407-412, 434-439, 469-474 AND 490-495**

Plugging Info: Casing or Cement/Bentonite left in well: **No Data**

Type Of Pump: **No Data**

Well Tests: **No Data**

Water Quality: Type of Water: **No Data**  
Depth of Strata: **No Data**  
Chemical Analysis Made: **No**  
Did the driller knowingly penetrate any strata which contained undesirable constituents: **No**

Certification Data: The driller certified that the driller drilled this well (or the well was drilled under the driller's direct supervision) and that each and all of the statements herein are true and correct. The driller understood that failure to complete the required items will result in the log(s) being returned for completion and resubmittal.

Company Information: **GEOPROJECTS INTERNATIONAL, INC.  
8834 CIRCLE DRIVE  
AUSTIN, TX 78736**

Driller License Number: **2525**

Licensed Well Driller Signature: **LEE GEBBERT**

Registered Driller Apprentice Signature: **No Data**

Apprentice Registration Number: **No Data**

Comments: **No Data**

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Austin, TX 78711  
(512) 463-7880**

**DESC. & COLOR OF FORMATION MATERIAL**

From (ft) To (ft) Description  
**0 TO 37 UPPER GLENROSE LIMESTONE  
 37 TO 377 LOWER GLENROSE LIMESTONE  
 377 TO 438 BEXAR SHALE  
 438 TO 513 COW CREEK LIMESTONE**

**CASING, BLANK PIPE & WELL SCREEN DATA**

Dia. New/Used Type Setting From/To  
**4.5 NEW SCH 40 PVC RISER SET FROM +3 TO 21  
 1.5 NEW SCH 40 PVC MULTI PORT PACKER  
 COMPLETION WITH SAMPLE PORTS AT:  
 49', 79', 100', 130', 180', 226', 256', 292', 315', 335', 367',  
 402, 429', 464', 479' AND 495'**