

Field Summary Report Letter Report

**Rockwool Industries, Inc.
Federal Superfund Site
1741 Taylors Valley Road
Belton, Bell County, Texas**

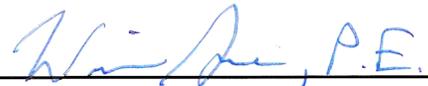
Prepared for

**Texas Commission on
Environmental Quality**

July 11, 2013

Prepared By:

**Contract No.
582-10-91051
Work Order No.
248-0071-2**



**William Gamblin, P.E.
Project Manager**



Daniel B. Stephens & Associates, Inc.

4030 W. Braker Lane, Suite 325, Austin, Texas 78759



July 11, 2013

Marilyn Long, Project Manager
TCEQ Superfund Section, MC-136
P.O. Box 13087
Austin, TX 78711-3087

Re: Rockwool Industries, Inc. / Belton, Site # SUP033, Field Summary Report

Dear Ms. Long:

This letter summarizes the work activities performed in May and June 2013 by Daniel B. Stephens & Associates, Inc. (DBS&A) in order to complete the assigned tasks outlined under TCEQ Contract No. 582-10-91051, Work Order # 248-0071-2 at the above named site. The tasks included plugging and abandoning of one 2-inch monitor well (MW-36-90), vegetation control and brush removal within the institutional control boundary and embankment where articulated concrete blocks (ABCs) have been placed, and inspection and assessment of the MATCON cover. Field notes of these field oversight activities are provided in Attachment 1. Photographic documentation of the maintenance activity is provided in Attachment 2. The State of Texas Plugging Report for the monitor well is provided in Attachment 3.

Site Background

In 2010, the TCEQ contracted DBS&A to perform O&M activities in the form of semi-annual groundwater monitoring and other inspection and maintenance tasks outlined below to ensure the continued protectiveness of the selected remedy at the Rockwool Industries, Inc. Federal Superfund Site located at 1741 Taylors Valley Road, Belton, Bell County, Texas.

The RWI Site includes an approximately 100-acre tract of land in a primarily industrial area located one quarter mile east of Interstate 35 in Bell County. The RWI Site is bounded to the north by the Leon River and to the south and west by Nolan Creek. East Belton Cemetery and other commercial and undeveloped private properties lie to the west of the RWI Site and light industrial properties lie to the east.

Former consultants for the project executed the remedial action (RA) at the RWI Site as defined in the ROD and in accordance with the accepted remedial design (RD). The RA consisted of activities utilized to eliminate human and ecological exposure to contaminated waste emanating from the RWI Site. Such processes included drainage improvement activities, waste and soil excavation and removal and the placement of clay and topsoil caps over the contaminated areas. The clay/topsoil covered areas were marked and surveyed for institutional control and replanted with vegetative cover. The RA also consisted of the construction and capping of a containment cell designed to contain excavated waste from all areas of the RWI Site.

Daniel B. Stephens & Associates, Inc.

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Site inspections conducted during July 2012 identified several areas of the site that needed drainage maintenance work. In August 2012, drainage cleanout and rip-rap installation was performed around the MATCON cell and the associated drainage pond and drainage to FM93 culverts.

Monitor Well Plugging and Abandonment

DBS&A and the subcontractor mobilized to the site on May 31, 2013 to conduct the plugging and abandonment (P&A) of monitor well MW-36-90.

DBS&A personnel conducted daily Health and Safety meetings prior to commencing site activities and all personnel present each day signed the Health and Safety Plan. All personnel had the appropriate safety equipment and were dressed adequately for the weather conditions.

MagnaCore Drilling and Environmental Services out of Allen, Texas, was utilized to perform the P&A of the well. The concrete well pad, steel riser, and 2-inch pvc casing down to approximately 10.5 feet below the surface was removed and disposed of off-site. The remaining casing and borehole was filled with bentonite chips to near the surface and a cement cap was installed. The State of Texas Plugging Report for MW-36-90 is provided in Attachment 3.

Vegetation Control and Brush Removal

DBS&A and subcontractor (Effective Environmental, Inc. (E2)) mobilized to the site on May 28, 2013 to conduct the vegetation control and brush removal activities.

Task directives included removal and disposal of underbrush and low (up to approximately 7 feet in height) branches three inches in diameter and smaller in the designated Institutional Control (IC) Boundary. The area encompassed approximately one acre and was in between an existing cemetery and an active concrete mixing facility. In addition, all culverts in the area had their inlets and outlets cleaned and all debris removed from them.

In addition, along the Leon River embankment, approximately two and a half acres of area where Articulated Concrete Blocks (ACBs) were placed were cleared of vegetation above the ACBs without disturbing the ACBs in place. Grass and weeds were "weedeated" and any trees, brush, or other larger diameter vegetation were removed by cutting them at ACB level (ACBs were not disturbed). Vegetation control and brush removal activities continued from May 28 to June 1, 2013.

Photo-documentation of the vegetation control and brush removal activities is included in Attachment 2.

MATCON Inspection and Assessment

DBS&A mobilized to the site on June 12, 2013 to conduct the inspection and assessment of the status of the MATCON cover and the effectiveness of the vegetation control conducted in the MATCON perimeter drainage and the drainage from the cell to the retention pond and off-site.

In general, the riprap installed in the perimeter drainage of the matcon and retention pond in August 2012 appears to be functioning properly to minimize erosion. The rip-rap was observed to still be in place with only one area discovered in the center of the southern edge of the MATCON cover where an approximately five foot section of rip-rap was washed out and the liner material was exposed (see page 21 of the photo documentation - Attachment 2). The integrity of the drainage ditch from the retention pond to the south fence and to the culvert on FM93 appears to be in good condition.

The MATCON cover itself contains some debris (railroad rail, fence posts, and logs) near the western edge that was not observed in previous inspections. Cracks evident in the MATCON cover seem to be of similar density and size as what was observed in the August 2012 inspection. A metal ruler was utilized to gauge the depths of the cracks. Depths measured in the cracks ranged from two to five inches with most being three to four inches in depth; however, due to the jagged nature of the cracks, the ruler usually did not penetrate the cracks completely. In the bottom of the cracks a sandy material was usually encountered.

It was noted that the northern edge of central property still does not have a fence in place. This could allow access to the MATCON off of Taylor Valley Road.

Summary

Plugging and abandoning of monitor well MW-36-90, vegetation control and brush removal within the institutional control boundary and embankment where articulated concrete blocks (ABCs) have been placed, and inspection and assessment of the MATCON as specified in TCEQ Work Order No. 248-0071-2 have been properly completed.

Ms. Marilyn Long
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If you have any questions, please do not hesitate to contact me.

Sincerely,

DANIEL B. STEPHENS & ASSOCIATES, INC.

A handwritten signature in blue ink that reads "William Gamblin, P.E." The signature is written in a cursive style.

William Gamblin, P.E.
Project Manager

Attachments

ATTACHMENT 1

Field Notes

(110) 3-6-13
Rockwood Ind. - Belton, TX
ES13 - AIRS: 11 - B. SHIRLEY

1315 - Mob to Central Property.
1325 - Transfer purge water to
onsite drum. Load up
Field sampling equipment

ONSITE WASTE:

(2) Drums on site.

(1) Full

(1) empty.

1426 - Prepare samples for shipping
Fill out OAC's

DHL OAC #'s 58573 & 58572

1445 - Depart site - Travel to BHL

1535 - Drop off samples. Return to
office.

~~Pr. Jim
3-6-13~~

(111) ROCKWOOD IND. BELTON, TX 5:28:13
ES13 - AIRS: 11 - S. EATMAN - VEG. REMOVAL

0745 LOAD & MOB TO N SITE

0900 MEET CITY OF BELTON P.

WORKS STAFF (JEFF) TO
OPEN GATES

0930 WALK THE PROPERTY, AOB
AREA & BOUNDARY w/ CEMETARY

1000 E² CREW ARRIVE; TALK TO BILLY/

JOEID. INITIALIZE SAFETY MEETING

CREW: PATRICK LARRIMER

GERALDO CORONADO (ALL)

JOHN PRIEDLER

1030 WALK THE SITE, QUESTIONS

- CLEAR ALL EMBANKMENT OR

JUST WHERE AOB IS? (SOME

PATCHY AREAS, AOB DOESN'T GO

ALL THE WAY TO EAST FENCE.

- JOHN ASKED IF WE NEED A

CHIPPER OR IF USING A MOWER/

TRACTOR OVER IT (BRUSA) IS OK

JOSE CALLED BILLY, ONLY AOB, TRY W/ CHIPPER

1100 (CREW BREAK FOR LUNCH)

11:45 RETURN TO SITE

UNLOAD EQUIPMENT:

TRACTOR MOWER NEED WHACKERS

CHAINSAW

(112) ROCKWOOL IND., ES 13. AHS. 11 5-28-13

1215 BEGIN CLEARING ACB AREA

1330 BYRON SINCLAIR, ASST.

PUBLIC WORKS DIRECTOR, CITY

OF BELTON, CAME BY TO

CHECK ON WS. SEEMED HAPPY

W/ PROGRESS SO FAR.

1530 JOHN AND CREW CALLED ATTN.

TO A SECTION OF THE SLOPE

THAT IS VERY STEEP, COULD BE

HAZARDOUS TO HAVE THE CREW

WALKING ON W/ WEED EATERS.

1450 (SRE) CHECKED UP ON CENTRAL SITE.

1650 SPOKE TO BILLY G. ABOUT

STEEP AREAS, SUGGESTED ADDL

SAFETY EQUIPMENT.

1740 TAKE ADDITIONAL PHOTOS,

PACK UP AND LEFT SITE

FOR THE DAY, APPROX 2/3

OF ACB AREA HAS BEEN

CLEARED

5/28/13

(113) ROCKWOOL IND., BELTON, TX BEATTMAN

ES 13 - AHS. 11, VEGETATION REMOVAL

(N. SITE)

PHOTO LOG - 5-28-13

(1) E. EASTERN BOUNDARY OF ACB AREA

(2) N. EASTERN BOUNDARY OF ACB AREA

(3) N. ACB DETAIL

(4) E. ~200 M. WEST OF EASTERN

BOUNDARY, ACB SLOPE

(5) N. ALONG WEST FENCE

AREA

(6) S. SOUTHERN EDGE OF AREA TO BE

CLEARED NEAR CEMETERY

(7) NE, CONCRETED DRAINAGE INTO

LEON RIVER

(8) E. ACB EMBANKMENT

(9) N. EDGE OF ACB AT RIVER BANK

(10) S. EDGE OF ACB NEAR RIVER BANK

(11) W. ACB EMBANKMENT

(12) E. EASTERN SIDE OF EMBANKMENT,

CLEARED

(13)

(14) E. CENTRAL SITE, S. DRAINAGE

SWALE

(15) RETENTION POND CULVERTS

(16) TRUCK CROSSING

(114)

ROCKWOOD IND. ES13. APR. 11 5.27.13

SARA EATMAN, BELTON, TX

0730 MOB TO SITE. WEATHER

FORECAST INDICATES POSSIBLE

THUNDERSTORMS, ESPECIALLY IN

THE AFTERNOON. CURRENTLY:

CLOUDY, BREEZY, 75° F.

0750 ~~CREW~~ CREW ARRIVED. (3)

CONDUCTED THE TAILGATE

SAFETY MEETING, DISCUSSED:

• POISON IVY

• STEEP SLOPE

• POSSIBLE THUNDERSTORMS

• BUGS & SNAKES

0815 SPOKE W/ BYRON FROM THE

CITY OF BELTON. HE WAS

SENDING SOMEONE OVER TO

OPEN THE GATE

0820 SOME LIGHT RAIN. PHOTOS

0840 CITY REP SHOWED UP TO UNLOCK

THE GATE, SETUP & BEGIN

WEED-EATING, MOWING CEMETERY

1030 BRUSH IS TEARING THROUGH

BLADES FOR WEED EATERS

(3 BLADES, 2 WALKS); ONLY

LIGHT RAIN

(115)

ROCKWOOD IND. ES13. APR. 11 5.29.13

PHOTO LOG, 5.29.13 S. EATMAN

(1) N, ALONG FENCELINE BETWEEN THE CEMETERY AND THE PROPERTY TO THE WEST

(2) "

(3) S, FROM EAST SIDE OF THE CHAIN-LINK FENCE

(4) E, THE GRADING/CUTER LIMITS TO THE EAST

(5) SKELETON

(6) N, THE SLOPE CLOSE TO CULVERT OUTLETS

(7) N, CULVERT OUTLETS, RIPRAP OUTFALL

(8) S, NORTHERN PORTION OF AREA TO BE CLEARED

(9) S, WEST SIDE OF AREA TO BE CLEARED

(10) "

(11) 36" CULVERT INTAKE

(12) NE, CULVERT INTAKE, S. EDGE OF AREA TO BE CLEARED

(13) N, PCB AREA W/ STEEP SLOPE BEING CLEARED

(116)

S. EATMAN

ROCKWOOD IND. ES13. APR 11 5:29.13

1145 BLADES ON WEED-EATERS
CONTINUE TO NEED REPLACEMENT
EVERY ~45 MIN.

1200 LUNCH

1350 RETURN, ALI PATRICK CONTINUE
TO WORK ON ACB AREA, JOHN
BEGAN MOWING AT CEMETERY

1630 FINISHED MOWING AT THE
CEMETERY, WEED EATING &
CHAINSAW ON ACB AREA

1715 THUNDERSTORMS, CLEANED
UP: FINISHED FOR THE DAY,
VERY LITTLE LEFT AT THE
CEMETERY, JUST TIDYING UP,
ESP. THE DRAINAGE GULCH
ACB AREA MAYBE 3/4 FINISHED,
BUT VINES: BRAMBLE OVER THE
REST, E2 W BRINGING
2 MORE PEOPLE.

~~5/29/13~~

S. EATMAN

(117)

ROCKWOOD IND. ES13. APR 11 5:30.13

DTED ARRIVED ON SITE, CLOUDY 75°
GROUND IS DAMP. ME: S. EATMAN
E2 CREW PRESENT:

- CHRISTOPHER DARMOFAL
- BRYAN KOSINSKI
- PATRICK LARRIMER
- GERALDO CORONADO
- JOHN FIEDLER

0730 TAILGATE SAFETY MEETING.
DISCUSSED HAZARDS w/ CREW

- SNAKES
- SLIP HAZARD
- WEAT
- THORNS
- BUGS
- THUNDERSTORMS

0740 BEGAN CLEARING RIVERBANK w/
4 WEED-EATERS

0800 BREAK FOR LUNCH

PATRICK HAD POISON IVY ON HIS
NECK, WAS GIVEN BENADRYL AND
RESTED FOR 1 HR

1300 RETURNED TO WORK

1600 TWO OF THE E2 CREW LEFT
PATRICK (FOR POISON IVY) AND
GERALDO CORONADO. 3 REMAINING

3 CONTINUED ON ACB BANK
1900 PACKED UP FOR DAY.

~~SE~~

(118) ROCKWOOD IND. ES13. AIRS 11 5-31-13

S. EATMAN, CLOUDY + DRIZZLING
0700 ARRIVE ON SITE, TAILGATE
0715 SAFETY MEETING WITH E² CREW:

- ANTHONY GRIFFIN
- RONNICK RUEL
- BRYAN KOSINSKI
- JOHN FIEDLER
- CHRISTOPHER DARNOPAL

0730 BEGAN WITH CHAINSAWS CLEARING
WEST END OF ACB AREA

1011 MET CREW FROM MAGNACORE,
TALKED TO BUD ABOUT THE LOCK:

3272 IS THE CODE

1030 MOB TO WELL, MAGNACORE CREW:

- RICHARD RECALO
- BILL OSLEY

1045 TAILGATE HEALTH AND SAFETY MTG,
REMOVE PADLOCK AND J-PLUG.

SET UP RIG.

REMOVED WELL COMPLETION AND
PAD - CAME UP EASILY

STARTED PULLING THE WELL
CASING, TOP 18" BROKE OFF

1055 CLEARED AWAY TO 18"
EGS; PILED CASING

ROCKWOOD IND. ES13. AIRS 11 5-31-13 (119)

OPEN AND MEASURED DOWN -
HOLE - 19' 2 1/2" see

1100 PULLED A SECTION OF CASING UP,
SNAPPED AT 3' 5"

PUSHED AGAIN, BOTTIT, PULLED UP
5' 2" BEFORE IT SNAPPED AGAIN

1115 POURED 1 50# BAG OF BENTONITE
DOWN HOLE, COVERED WITH ONE
BAG OF CONCRETE, AND COVERED
OVER WITH SOIL

1120 BROKE UP THE CONCRETE PAD
AND HAULLED OFF SITE
TOTAL CASING REMOVED:

1' 6"
3' 5" = 10' 1" of 19' 2"
5' 2" 9' 1" REMAIN

1155 MAGNACORE LEFT THE SITE

1230 E² BREAK FOR LUNCH

1300 E² RETURN TO WORK

BEGIN CHIPPING - SOME PIECES ARE BIG

1400 EMAILED BILLY TO ASK FOR
APPROVAL OF THE SIZE OF WOOD
CHIPS AND WORKING THROUGH
UNTIL SATURDAY

1630 RECEIVED A CALL FROM BILLY

(120) ROCKWOLD IND. ES 13. AIRS 11

5.31.13 S. EATMAN, BELTON, TX

1630 (CONT.) HE REQUESTED THAT
ALL OF THE WOOD BE CHIPPED
RATHER THAN SHREDDED BY
THE MOWER. RECEIVED

APPROVAL TO WORK SATURDAY

1915 CONTINUING TO CLEAR THE
STEEPEST SLOPES OF BRAMBLES,
AND CHIP ANYTHING MORE
THAN 6 IN. (APPROX.)

THE CREW IS TYING ROPE
AROUND THE TREES / BRUSH
THAT HAVE BEEN CLEARED
NEAR THE BOTTOM OF THE SLOPE
AND PULLING THEM UP WITH
THE TRACTOR.

1945 PACKED UP FOR THE DAY

~~8.31.13~~

ROCKWOLD IND. ES 13. AIRS 11 6.1.13 (121)

S. EATMAN BELTON, TX

0700 ARRIVE ON NORTH SITE, TAILGATE

H'S MEETING. EZ CREW PRESENT:

- JOHN FIEDLER
- GERALDO CORONADO
- CHRISTOPHER DARWOPAL
- BRYAN KOSINSKI

0715 BEGIN REARRANGING & CHIPPING

1100 MOVE TO CEMETERY SITE

1300 BEGIN RAINING 3PF

DEMO B - PHOTOS

1430 RETURN TO AUG FUNERAL

~~6.1.13~~

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6-12-13

Rockwell-Belton, TX

ES13. ARS. 11. W. Gambelin
Site Inspection

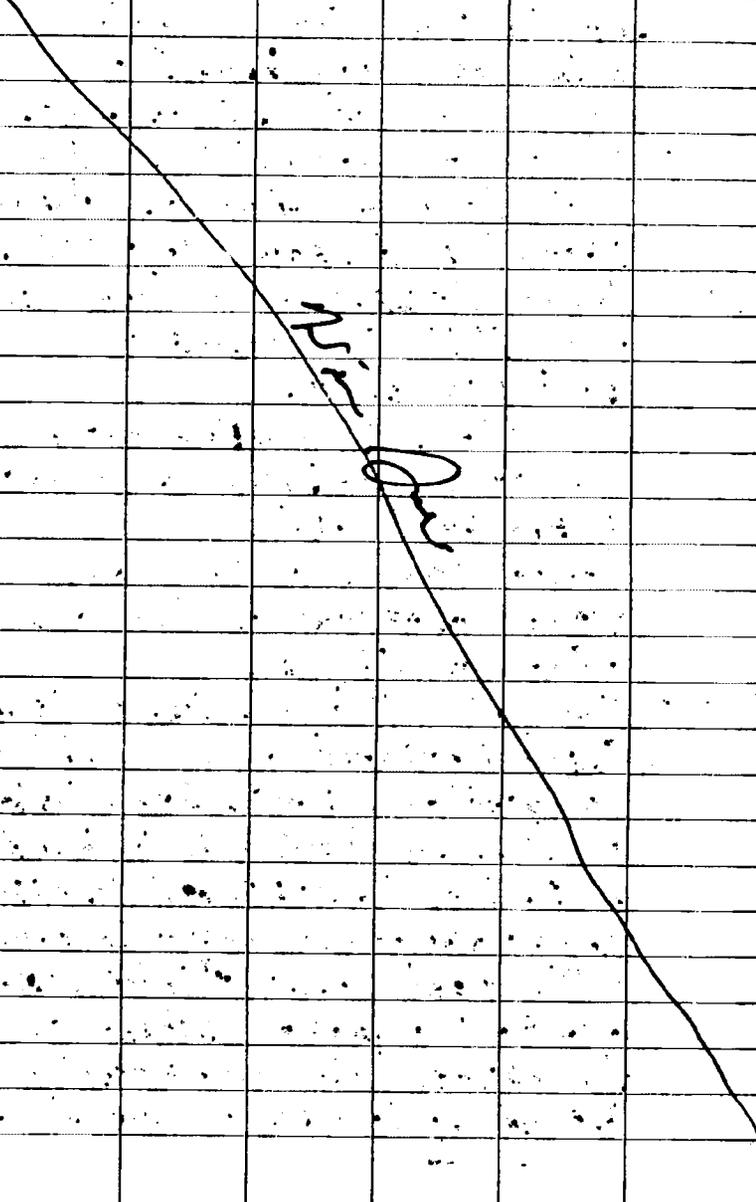
- 0840 ARRIVE on-site. DBSA
Bud Shirley is on-site
finishing sampling event.
- 0915 DBSA Shirley off-site
with GW samples.
- 0930 W. Gambelin conducting inspection of Matcon and
DRAINAGE. Riprap installed
in August appears to be
working to minimize erosion.
Riprap is still in place
around the perimeter of
the Matcon cover (one location
in the center of the south
edge of Matcon has a 2' x 5'
section where riprap is
washed out and liner
material used in the swale
is exposed.) and drainage
retention pond.
- 1030 The integrity of the drainage
ditch from the retention
pond to the south fence
R. Dan

6-12-13

Rockwell-ES13. ARS. 11

(139)

- and to the culvert on the
is in good condition. No
wash out ruts or gulleys.
- 1210 Complete inspection and
photo documentation of drainage
around and from MATCON.
- 1215 Some debris is noted on
the MATCON cover west
and NW side.
In the NW corner there
is metal debris including
a railroad rail.
Fence post pipe and logs
were observed on the west
edge of Matcon.
- 1420 Complete Matcon inspection.
Cracks evident in the middle
to southern area. Seen to be
of similar density as in August
2012. Depth measured in cracks
range from two to five inches
with most being 3" to 4", however,
due to the jagged nature of
the cracks, the ruler usually
did not penetrate completely.
R. Dan



6-12-13

Rockwool-F.S.13.AIRS.11

Photo log

Tag	Direction	Notes
1112	SW	Culvert on Hwy and south fence
1113	S	Drainage and culvert on south side of middle property
1115	N	Drainage swale from south fence.
1116	NNE	Drainage swale
1117	N	" " w/road crossing
1118	N	" " north of road crossing
1120	NW	Drainage Swale SE of retention pond.
1120	NW	Retention pond outlet culvert.
1122	SE	" " inlet culvert
1123	N	Ret. pond East basin
1124	NE	" " " "
1125	W-NW	" " North "
1126	WNW	" " NW corner where water enters

(cont.)

Prin. L.

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6-12-13

Rockwood - Belton TX ES13.AMS.11

Time	Direction	Notes
1128	SSW	Retention Pond west berm.
1128	S	" " " "
1131	E	Retention Pond south berm
1132	NE	" " " " from SW corner
1134	SE	" " " " NW corner
1135	SE	Drainage into Retention Pond
1137	W	South drainage swale of Matcom.
1138	SSW	" " " "
1139	S	Area of washout of Riprap along center of south drainage swale
1139	S	" " " "
1142	SE	" " " "
1143	E	South drainage swale
1144	NW	SW corner of Matcom.
1146	N	West drainage
1148	S	" " " "

A. J. Jones

6-12-13

Rockwood - Belton TX ES13.AMS.11

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Time	Direction	Notes
1150	SW	NW corner drainage of Matcom.
1151	E	North drainage swale
1153	WNW	" " " "
1155	N	" " " "
1155	SE	NE corner of Matcom.
1159	S	East drainage swale
1162	WNW	Rail in NW corner
1342	S	Fence post pipe along W side
1343	S	Log along West side
1346	N	Ruler in crack in Matcom
1349	NW	" " " "
1350	NE	" " " "
1351		near middle of 4"
1357	NNE	" " " "
1357		" " " " 2 1/4"
1357	E	Ruler in crack along post central Matcom 4"
1357	S	" " " "
1359	S	" " " "
1359		" " " " 2 5"
1359	S	" " " "
1401	SW	" " " "

A. J. Jones

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6-12-13

Rockwood-Belton, TX ES13 AIRS.11

1430 The ruler felt like it hit sand at the bottom of the cracks that it could get in.

Note: The fence is still not up along the northern edge of the Central Property. The road that was evident from Taylor's Valley Rd across RR tracks to the Central Property has been blocked by a dirt pile.

1500 Inspecting and documenting cleared areas of the North Property.

1600 off-site

[Handwritten signature]

6-12-13

Rockwood-Belton, TX ES13 AIRS.11

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Time	Direction	Notes
1401	E	CRACK IN MATCON SE REGION.
1404	SW	" " " "
1406	S	" " " "
1407	S	" " " "
1409	SE	" " " "
1412	W	" " " " ~ 5"
1412	W	SW REGION
1414	E	" " " " ~ 5"
1416	N	" " " " ~ 5"
1417	NE	Vegetative growth in cracks in Matcon
1418	W	Sign and area cleared west of concrete
1418	N	DRAINAGE CULTIVATION West of concrete

[Handwritten signature]

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6-12-13

Rockwall - Belton, TX ES13 AIRS.11

Time	Direction	Comments
1449	S	Fence between cemetery & cement plant.
1450	SE	Cleared area west of cemetery
1452	NNW	Culverts and rock rubble
1453	ESE	Culvert exits
1454	SSE	" "
1500	SE	Culvert entrance near cement plant
1501	S	Area cleared and fence between cemetery & cement plant.
1514	NW	Fence down between cemetery & North property
1514	SW	" " "
1516	E	ACB embankment cleared
1516	E/NE	" " "
1518	NW	Pipe extending out of ACB embankment
1520	E	ACB cleared area
1520	W	" " "
1528	SSW	Area where riprap was placed to slow erosion

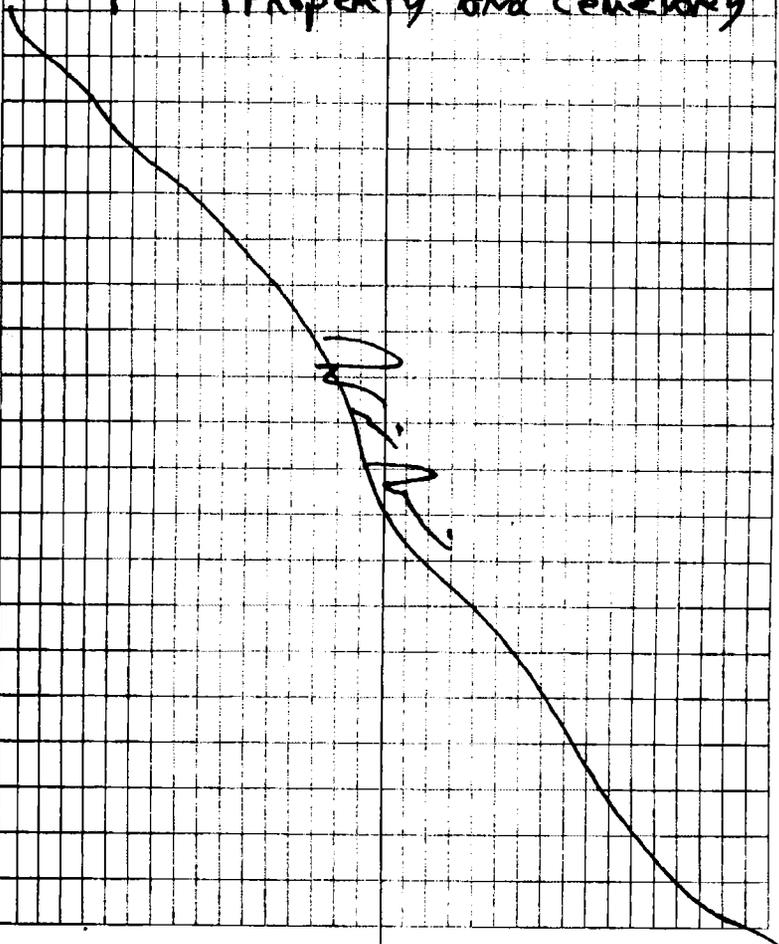
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6-12-13

Rockwall - Belton, TX ES13 AIRS.11

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Time	Direction	Comments
1527	SE	SLAG looking debris on fence across downed fence between North Property and cemetery



ATTACHMENT 2

Photographic Documentation



Daniel B. Stephens & Associates, Inc.



Date: May 28, 2013
Photo Taken By: Sara Eatman
Description: Southeastern edge of the Articulated Concrete Block (ACB) reinforced riverbank (facing east).



Date: May 28, 2013
Photo Taken By: Sara Eatman
Description: Vegetation at the eastern edge of the ACB reinforced embankment (facing north).



Date: May 28, 2013
Photo Taken By: Sara Eatman
Description: The lower boundary of the ACB reinforced slope and vegetation near the riverbank (facing west).



Date: May 28, 2013
Photo Taken By: Sara Eatman
Description: ACB reinforced riverbank before clearing from the top of the slope at approximately the midpoint (facing east).



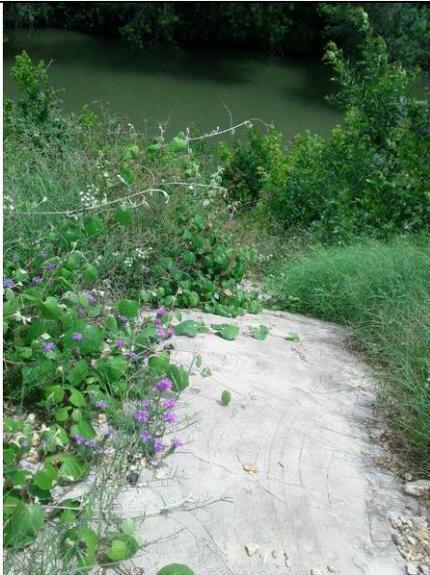
Daniel B. Stephens & Associates, Inc.



Date: May 28, 2013
Photo Taken By: Sara Eatman
Description: ACB embankment (facing West)



Date: May 28, 2013
Photo Taken By: Sara Eatman
Description: Southeastern edge of cemetery area to be cleared (facing North).



Date: May 28, 2013
Photo Taken By: Sara Eatman
Description: Concreted drainage into Leon River, Eastern edge of ACB area (facing North).



Date: May 28, 2013
Photo Taken By: Sara Eatman
Description: ACB reinforced embankment before clearing (looking E).



Daniel B. Stephens & Associates, Inc.



Date: May 28, 2013
Photo Taken By: Sara Eatman
Description: Lower edge of the ACB reinforcement on the riverbank (looking West).



Date: May 28, 2013
Photo Taken By: Sara Eatman
Description: Lower edge of the ACB reinforcement on the riverbank (looking West).



Date: May 28, 2013
Photo Taken By: Sara Eatman
Description: Western side of the ACB embankment (looking West).



Date: May 28, 2013
Photo Taken By: Sara Eatman
Description: The eastern portion of the ACB reinforced embankment, cleared of brush (facing East)



Daniel B. Stephens & Associates, Inc.



Date: May 28, 2013
Photo Taken By: Sara Eatman
Description: Remaining brush and bramble West of cleared area (facing East).



Date: May 28, 2013
Photo Taken By: Sara Eatman
Description: Central site, swale on the southern side of the MATCON cap showing some vegetation growth (facing East).



Date: May 28, 2013
Photo Taken By: Sara Eatman
Description: Central site, southeast corner of retention pond, showing some water from rainstorms the last two days, drainage culvert (facing Northwest).



Date: May 28, 2013
Photo Taken By: Sara Eatman
Description: Central site: a portion of the drainage area just south of the truck crossing (looking Southeast).



Daniel B. Stephens & Associates, Inc.



Date: May 29, 2013
Photo Taken By: Sara Eatman
Description: Cemetery area to be cleared, from the southeast corner (facing North).



Date: May 29, 2013
Photo Taken By: Sara Eatman
Description: Cemetery area to be cleared, from the midpoint (facing North).



Date: May 29, 2013
Photo Taken By: Sara Eatman
Description: Eastern edge of the cemetery area to be cleared (facing east).



Date: May 29, 2013
Photo Taken By: Sara Eatman
Description: Northern portion of cemetery area to be cleared (facing north).



Daniel B. Stephens & Associates, Inc.



Date: August 18, 2012
Photo Taken By: Sara Eatman
Description: Rip-rap on the southeast berm of the retention pond, around the culvert (looking NW).



Date: May 29, 2013
Photo Taken By: Sara Eatman
Description: western side of the cemetery area to be cleared (facing south).



Date: May 29, 2013
Photo Taken By: Sara Eatman
Description: Northern boundary of cemetery area to be cleared and rip-rap at culvert outlets (facing north).



Date: May 29, 2013
Photo Taken By: Sara Eatman
Description: Northern side of cemetery area to be cleared (facing south).



Daniel B. Stephens & Associates, Inc.



Date: May 29, 2013
Photo Taken By: Sara Eatman
Description: Western side of the cemetery area to be cleared, near the southern boundary (facing South).



Date: May 29, 2013
Photo Taken By: Sara Eatman
Description: Western side of the cemetery area to be cleared, showing the 36" culvert intake near the southern boundary (facing North).



Date: May 30, 2013
Photo Taken By: Sara Eatman
Description: Southeastern edge of the ACB reinforced riverbank (facing East).



Date: May 30, 2013
Photo Taken By: Sara Eatman
Description: Dense bramble on lower western edge of the ACB reinforcement on the riverbank (looking West).



Daniel B. Stephens & Associates, Inc.



Date: May 30, 2013
Photo Taken By: Sara Eatman
Description: Eastern portion of the cemetery area after clearing (facing south).



Date: May 30, 2013
Photo Taken By: Sara Eatman
Description: Eastern edge of the cemetery area after clearing (facing east).



Date: May 30, 2013
Photo Taken By: Sara Eatman
Description: Lower edge of the ACB reinforcement on the riverbank (looking west).



Date: May 30, 2013
Photo Taken By: Sara Eatman
Description: Eastern portion of the cemetery area after clearing (facing east).



Daniel B. Stephens & Associates, Inc.



Date: May 30, 2013
Photo Taken By: Sara Eatman
Description: Eastern edge of the cemetery area, grave markers at the limits of the cleared area (facing east).



Date: May 30, 2013
Photo Taken By: Sara Eatman
Description: Eastern edge of the cemetery area, grave markers at the limits of the cleared area (facing east).



Date: May 31, 2013
Photo Taken By: Sara Eatman
Description: Magnacore Drilling crew mobilize to MW-36-90 for plugging and abandoning (facing east).



Date: May 31, 2013
Photo Taken By: Sara Eatman
Description: Magnacore Drilling crew mobilize to MW-36-90 for plugging and abandoning (facing east).



Daniel B. Stephens & Associates, Inc.



Date: May 30, 2013
Photo Taken By: Sara Eatman
Description: Magnacore drill rig.



Date: May 31, 2013
Photo Taken By: Sara Eatman
Description: Magnacore Drilling crew removed well pad.



Date: May 31, 2013
Photo Taken By: Sara Eatman
Description: Removing well pad.



Date: May 31, 2013
Photo Taken By: Sara Eatman
Description: Removing well pad.



Date: May 31, 2013
Photo Taken By: Sara Eatman
Description: Attempting to remove casing.



Date: May 31, 2013
Photo Taken By: Sara Eatman
Description: Attempting to remove casing.



Date: May 31, 2013
Photo Taken By: Sara Eatman
Description: Attempting to remove casing, first try:
18 inch section broke off.



Date: May 31, 2013
Photo Taken By: Sara Eatman
Description: Removing grout around casing.



Date: May 31, 2013
Photo Taken By: Sara Eatman
Description: Measuring down hole: 19 ft 2 in.



Date: May 31, 2013
Photo Taken By: Sara Eatman
Description: Second to remove well casing.



Date: May 31, 2013
Photo Taken By: Sara Eatman
Description: Second attempt to remove well casing, snapped after 3 ft. 5 inches.



Date: May 31, 2013
Photo Taken By: Sara Eatman
Description: Second section of well casing, 3 ft. 5 inches.



Date: May 31, 2013
Photo Taken By: Sara Eatman
Description: Third attempt to remove well casing.



Date: May 31, 2013
Photo Taken By: Sara Eatman
Description: Third attempt to remove well casing; 5' 2" before it broke.



Date: May 31, 2013
Photo Taken By: Sara Eatman
Description: Filling hole with bentonite.



Date: May 31, 2013
Photo Taken By: Sara Eatman
Description: Sealing hole with cement.



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Date: May 31, 2013
Photo Taken By: Sara Eatman
Description: Portions of casing that were removed from the well.



Date: May 31, 2013
Photo Taken By: Sara Eatman
Description: Covering P&A'd well with dirt.



Date: May 31, 2013
Photo Taken By: Sara Eatman
Description: Hauling small trees and brush up the steep portion of the embankment (looking northeast).



Date: May 31, 2013
Photo Taken By: Sara Eatman
Description: Chipping brush and trees.



Daniel B. Stephens & Associates, Inc.



Date: June 1, 2013
Photo Taken By: Sara Eatman
Description: ACB reinforced embankment, cleared (looking west).



Date: June 1, 2013
Photo Taken By: Sara Eatman
Description: Culvert outlet in cemetery area after clearing (looking south).



Date: June 1, 2013
Photo Taken By: Sara Eatman
Description: Culvert outlet in cemetery area after clearing (looking south).



Date: June 1, 2013
Photo Taken By: Sara Eatman
Description: Chipping brush and trees in cemetery area (looking south).



Daniel B. Stephens & Associates, Inc.



Date: June 1, 2013
Photo Taken By: Sara Eatman
Description: Gully on the eastern side of the cemetery area after clearing (looking southeast).



Date: June 1, 2013
Photo Taken By: Sara Eatman
Description: Southeastern portion of cemetery area after clearing (looking south).



Date: June 1, 2013
Photo Taken By: Sara Eatman
Description: Northwest portion of cemetery site after clearing (looking north).



Date: June 1, 2013
Photo Taken By: Sara Eatman
Description: Southwest portion of cemetery site after clearing (looking south).



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Date: June 1, 2013
Photo Taken By: Sara Eatman
Description: West side of cemetery site and culvert intake after clearing (looking north).



Date: June 1, 2013
Photo Taken By: Sara Eatman
Description: Chipping brush and trees.



Date: June 1, 2013
Photo Taken By: Sara Eatman
Description: Southeast side of cemetery site after clearing and chipping (looking south).



Date: June 1, 2013
Photo Taken By: Sara Eatman
Description: Chipping brush and trees.



Daniel B. Stephens & Associates, Inc.



Date: June 12, 2013 Direction: SW
Photo Taken By: William Gamblin
Description: Culvert inlet on FM93 south of the
Middle Property



Date: June 12, 2013 Direction: WNW
Photo Taken By: William Gamblin
Description: Retention Pond North Berm



Date: June 12, 2013 Direction: NE
Photo Taken By: William Gamblin
Description: Retention Pond



Date: June 12, 2013 Direction: SE
Photo Taken By: William Gamblin
Description: Retention Pond



Daniel B. Stephens & Associates, Inc.

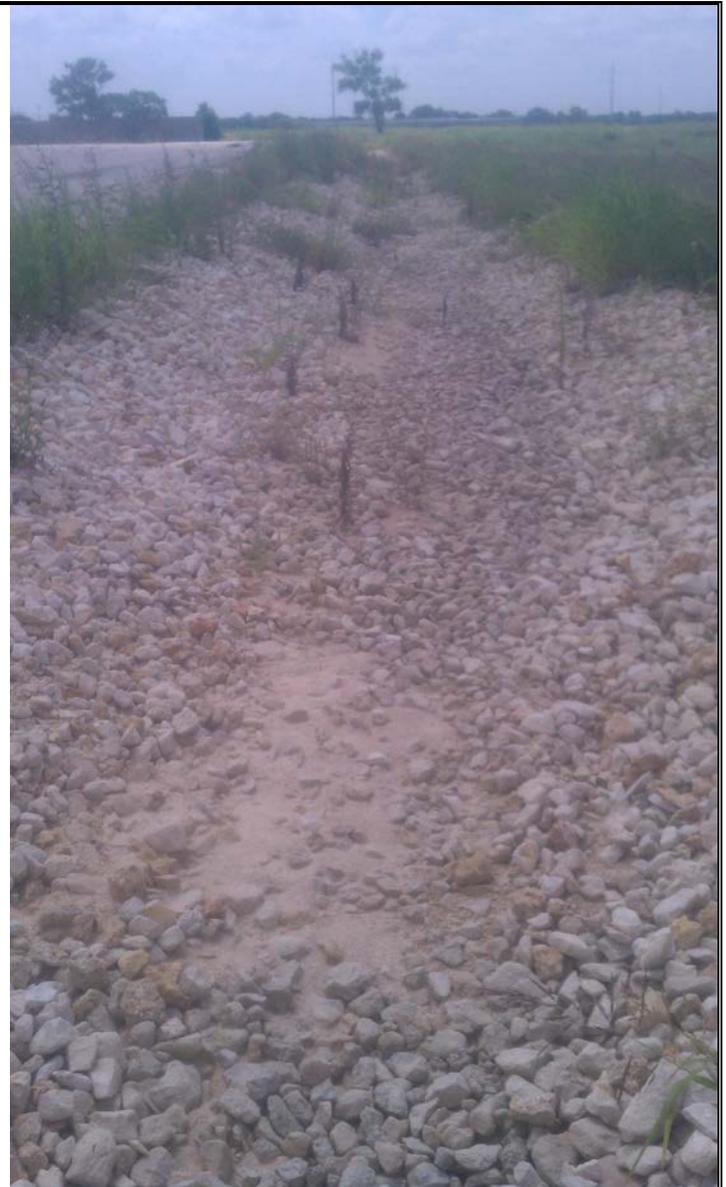
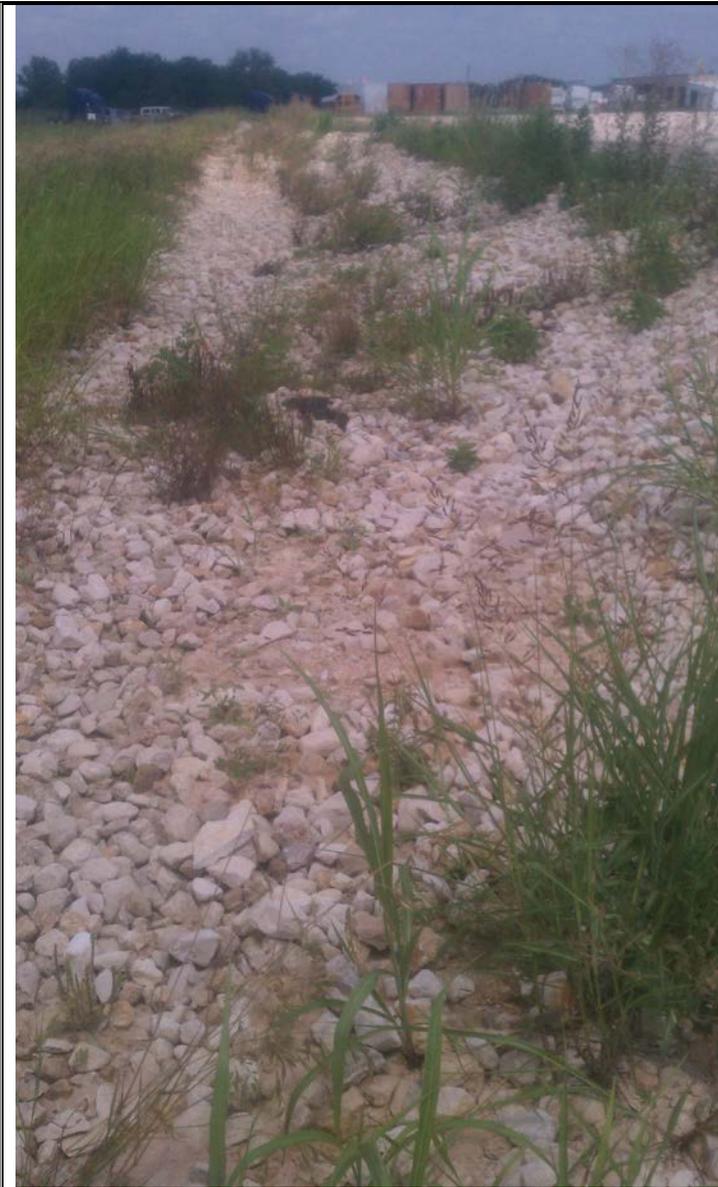


Date: June 12, 2013 Direction: SE
Photo Taken By: William Gamblin
Description: Retention Pond Inlet Culvert

Date: June 12, 2013 Direction: NNE
Photo Taken By: William Gamblin
Description: Drainage Swale Middle Property



Daniel B. Stephens & Associates, Inc.



Date: June 12, 2013 Direction: W
Photo Taken By: William Gamblin
Description: South Drainage Swale of MATCON

Date: June 12, 2013 Direction: E
Photo Taken By: William Gamblin
Description: South Drainage Swale of MATCON



Daniel B. Stephens & Associates, Inc.



Date: June 12, 2013 Direction: N
Photo Taken By: William Gamblin
Description: West Drainage of MATCON

Date: June 12, 2013 Direction: E
Photo Taken By: William Gamblin
Description: North Drainage of MATCON



Daniel B. Stephens & Associates, Inc.



Date: June 12, 2013 Direction: W
Photo Taken By: William Gamblin
Description: North Drainage of MATCON

Date: June 12, 2013 Direction: S
Photo Taken By: William Gamblin
Description: East Drainage of MATCON



Daniel B. Stephens & Associates, Inc.



Date: June 12, 2013 Direction: NNW
Photo Taken By: William Gamblin
Description: Rail and other metal debris in northwest corner of MATCON



Date: June 12, 2013 Direction: S
Photo Taken By: William Gamblin
Description: Fence post pipe along west side of MATCON



Date: June 12, 2013 Direction: S
Photo Taken By: William Gamblin
Description: Logs along west side of MATCON



Date: June 12, 2013 Direction: NW
Photo Taken By: William Gamblin
Description: Crack in MATCON. Note metal ruler in crack.



Daniel B. Stephens & Associates, Inc.

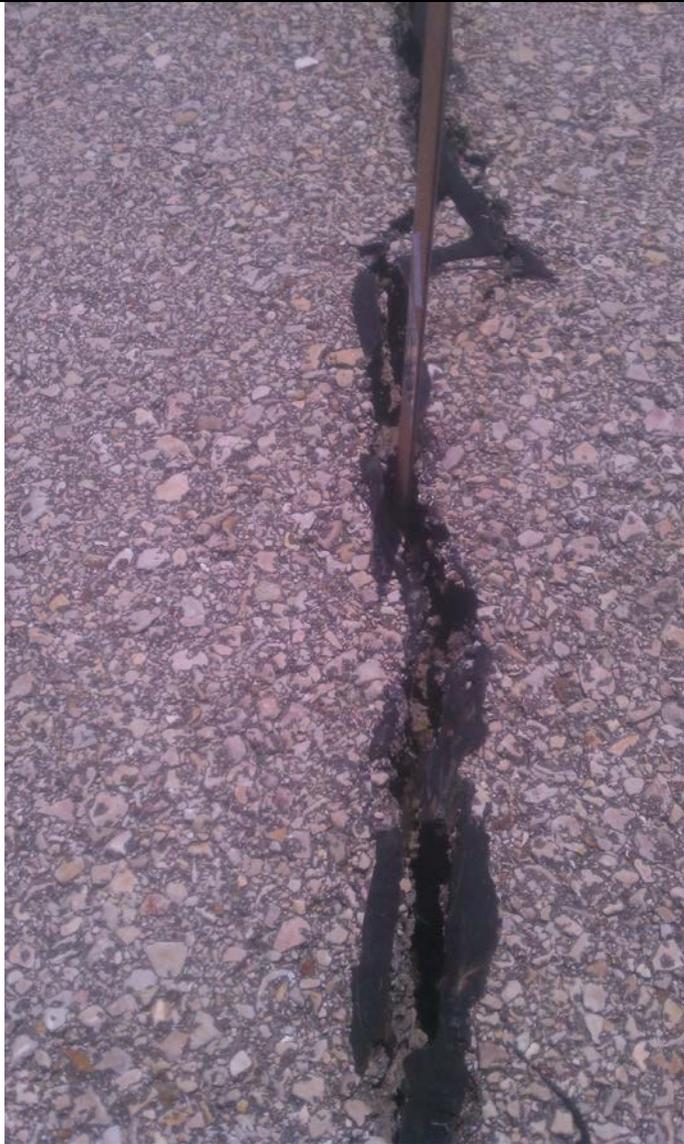


Date: June 12, 2013 Direction: NW
Photo Taken By: William Gamblin
Description: Ruler in Crack in MATCON. Ruler penetrated ~3.5 inches.

Date: June 12, 2013 Direction: NW
Photo Taken By: William Gamblin
Description: Ruler in Crack in MATCON.



Daniel B. Stephens & Associates, Inc.



Date: June 12, 2013 Direction: S
Photo Taken By: William Gamblin
Description: Ruler in Crack in MATCON. Ruler
penetrated ~4 inches.



Date: June 12, 2013 Direction: S
Photo Taken By: William Gamblin
Description: Ruler in Crack in MATCON. Ruler
penetrated ~5 inches.



Daniel B. Stephens & Associates, Inc.



Date: June 12, 2013 Direction: NE
Photo Taken By: William Gamblin
Description: Ruler in crack in MATCON



Date: June 12, 2013 Direction: NNE
Photo Taken By: William Gamblin
Description: Ruler in crack near center of MATCON. Ruler penetrated ~4 inches.



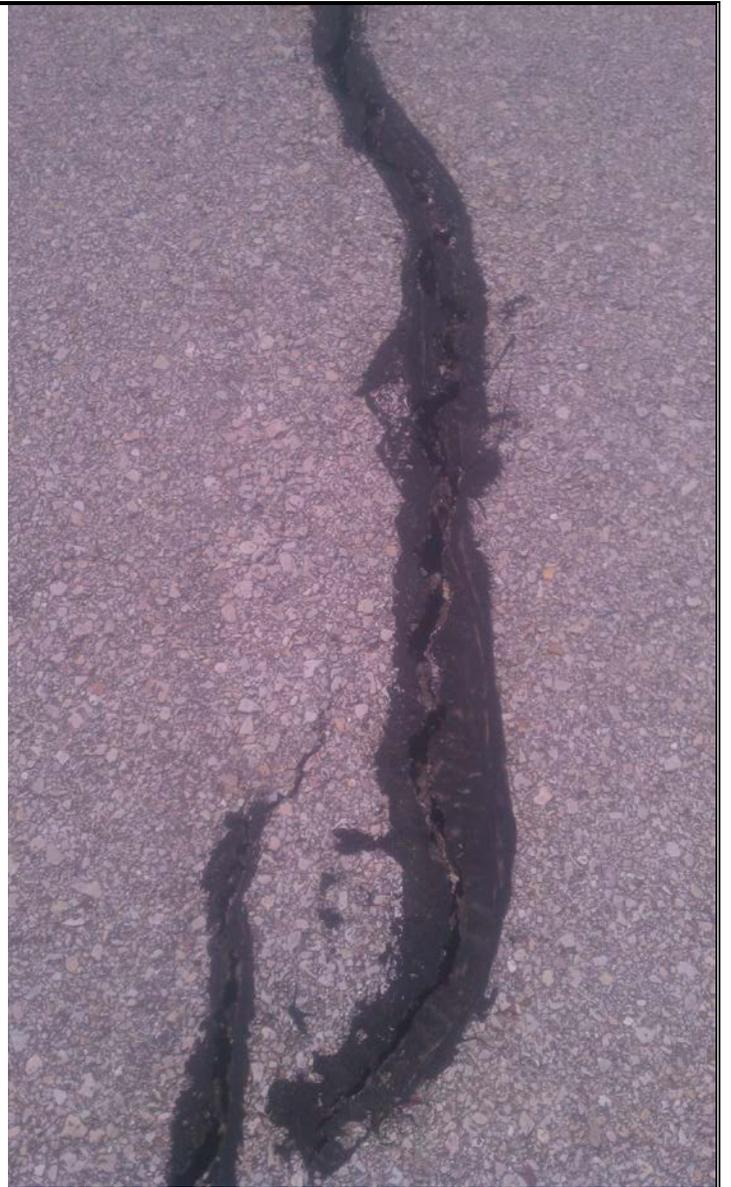
Date: June 12, 2013 Direction: SE
Photo Taken By: William Gamblin
Description: Ruler in crack MATCON southeast region. Ruler penetrated ~5 inches.



Date: June 12, 2013 Direction: NE
Photo Taken By: William Gamblin
Description: Vegetative growth in cracks in MATCON



Daniel B. Stephens & Associates, Inc.



Date: June 12, 2013 Direction: S
Photo Taken By: William Gamblin
Description: Crack in MATCON southeast region.

Date: June 12, 2013 Direction: W
Photo Taken By: William Gamblin
Description: Crack in MATCON southwest region.



Daniel B. Stephens & Associates, Inc.



Date: June 12, 2013 Direction: W
Photo Taken By: William Gamblin
Description: Crack in MATCON southwest region.

Date: June 12, 2013 Direction: E
Photo Taken By: William Gamblin
Description: Crack in MATCON southwest region.
Ruler penetrated ~5 inches.



Daniel B. Stephens & Associates, Inc.



Date: June 12, 2013 Direction: W
Photo Taken By: William Gamblin
Description: Sign and area cleared west of cemetery.



Date: June 12, 2013 Direction: S
Photo Taken By: William Gamblin
Description: Fence between cemetery and cement plant.



Date: June 12, 2013 Direction: NNW
Photo Taken By: William Gamblin
Description: Culverts exits and rock rubble.



Date: June 12, 2013 Direction: ESE
Photo Taken By: William Gamblin
Description: Culverts exits and rock rubble.



Daniel B. Stephens & Associates, Inc.



Date: June 12, 2013 Direction: SSE
Photo Taken By: William Gamblin
Description: Culverts exits and rock rubble.



Date: June 12, 2013 Direction: SE
Photo Taken By: William Gamblin
Description: Culvert entrance near cement plant.



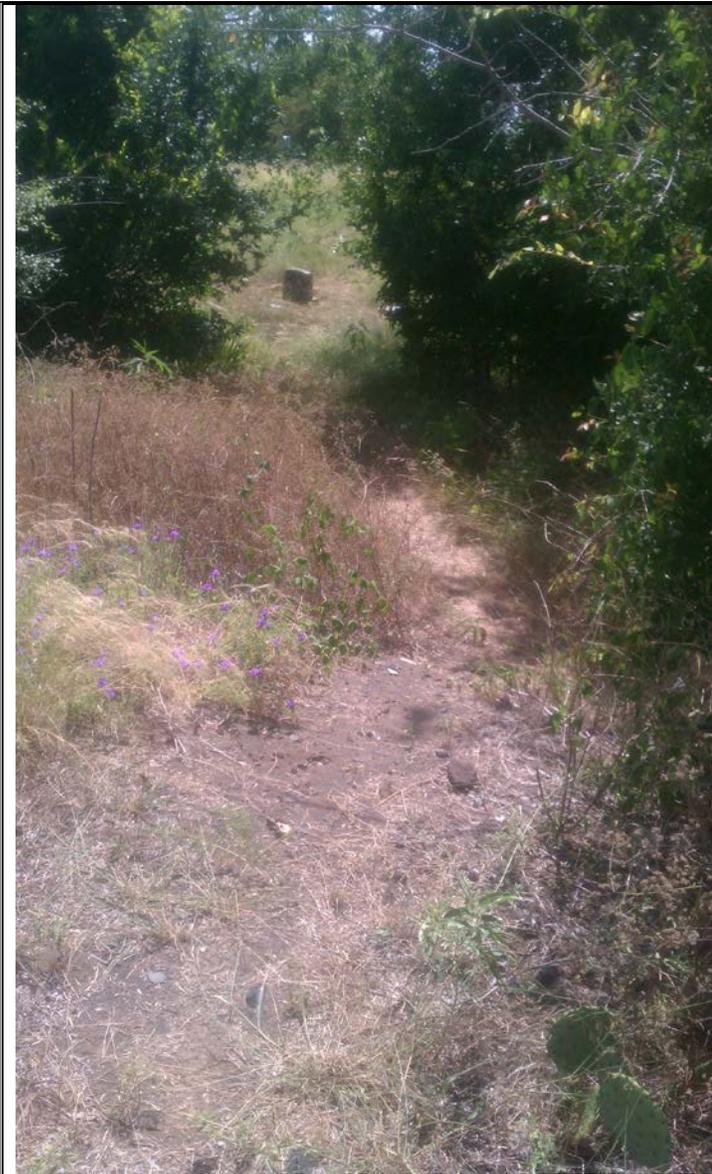
Date: June 12, 2013 Direction: N
Photo Taken By: William Gamblin
Description: Area cleared and fence between cemetery and cement plant.



Date: June 12, 2013 Direction: NW
Photo Taken By: William Gamblin
Description: Fence down between cemetery and north property.



Daniel B. Stephens & Associates, Inc.



Date: June 12, 2013 Direction: SW
Photo Taken By: William Gamblin
Description: Fence down between cemetery and north property.

Date: June 12, 2013 Direction: SE
Photo Taken By: William Gamblin
Description: Slag looking debris on trail across downed fence between north property and cemetery.

ATTACHMENT 3

State of Texas Plugging Report

STATE OF TEXAS PLUGGING REPORT for Tracking #87771

Owner:	TCEQ	Owner Well #:	MW-36-90
Address:	P.O. Box 13087 Austin , TX 78711	Grid #:	40-61-5
Well Location:	1741 Taylor's Valley Road Belton , TX 76513	Latitude:	31° 03' 13" N
Well County:	Bell	Longitude:	097° 26' 19" W
		GPS Brand Used:	Magellan

Well Type: **Monitor**

HISTORICAL DATA ON WELL TO BE PLUGGED

Original Well Driller: **No Data**
Driller's License Number of Original Well Driller: **No Data**
Date Well Drilled: **No Data**
Well Report Tracking Number: **No Data**
Diameter of Borehole: **No Data**
Total Depth of Borehole: **19 feet**

Date Well Plugged: **5/31/2013**
Person Actually Performing Plugging Operation: **William Osley, Jr.**
License Number of Plugging Operator: **54735**
Plugging Method: **Pour in 3/8 bentonite chips when standing water in well is less than 100 feet in depth, cement top 2 feet.**
Plugging Variance #: **No Data**
Casing Left Data: 1st Interval: **2 inches diameter, From 10.5 ft to 19 ft**
2nd Interval: **No Data**
3rd Interval: **No Data**
Cement/Bentonite Plugs Placed in Well: 1st Interval: **From 0 ft to 2 ft; Sack(s)/type of cement used: 1 Cement**
2nd Interval: **From 2 ft to 19 ft; Sack(s)/type of cement used: 0.85 Bentonite**
3rd Interval: **No Data**
4th Interval: **No Data**
5th Interval: **No Data**

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

Company Information: **MagnaCore Drilling & Env Svcs**
906 W. McDermott Dr., #116-313
Allen , TX 75013

Plug Installer License Number: **54735**
Licensed Plug Installer Signature: **Cedric Cascio**
Registered Plug Installer Apprentice Signature: **William Osley, Jr.**
Apprentice Registration Number: **58003**
Plugging Method Comments: **Rockwool Industries**

Please include the plugging report's tracking number (Tracking #87771) on your written request.

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