

# **Drainage Maintenance Activity Letter Report**

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

**Prepared for**

**Texas Commission on  
Environmental Quality**

**September 4, 2012**

**Prepared By:**

**Contract No.  
582-10-91051  
Work Order No.  
248-0058-1**

  
\_\_\_\_\_  
**Paul B. Kirby, P.G.  
Mid-level Scientist**



***Daniel B. Stephens & Associates, Inc.***

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



September 4, 2012

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

Re: Rockwool Industries, Inc. / Belton, Site # SUP033, Drainage Maintenance Letter Report

Dear Ms. Long:

This letter summarizes the drainage maintenance work activities at the above named site that were performed in August 2012 by Daniel B. Stephens & Associates, Inc. (DBS&A) under TCEQ Contract No. 582-10-91051, Work Order # 248-0058-1. The purpose of this field mobilization was to conduct field oversight of the maintenance activities of the drainage system associated with the capped containment cell, detention pond, and drainage swale from the detention pond to the FM93 culvert. Field notes of these field oversight activities are provided in Attachment 1. Photographic documentation of the maintenance activity is provided in Attachment 2. A waste disposal manifest for the purge water generated during groundwater sampling activities and the disposal ticket for the debris removed from the site as part of the drainage cleanout activities 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. Figure 1 (Site Location Map) of this report presents a map illustrating the location of the RWI facility and the surrounding area.

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

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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.

Site inspections conducted during July 2012 identified several areas of the site that needed drainage maintenance work.

### **MATCON Cell Drainage Cleanout and Rip-rap Install**

DBS&A and subcontractors mobilized to the site on August 13, 2012 to begin drainage maintenance operations. The equipment utilized during the maintenance activities included a John Deere 544K front-end loader, a Komatsu 39PX bulldozer, an IHI 80VX compact excavator, and a Bobcat skidsteer. Mowing at the site by the City of Belton had been completed prior to beginning the drainage maintenance activities. Weather during the week of August 13 varied ranging from hot and breezy at the beginning of the week to heavy rain on August 18th.

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.

Clearing of drainage swales was conducted utilizing both the bulldozer and the excavator. The storm water pond was cleared of vegetative growth and debris as was the inlet and outlet of the pond drainage overflow pipe. Excess dirt and grass, including some geo-netting, was piled in the outside corner of the berms to the northwest of the drainage retention pond and southeast of the MATCON.

Rip-rap rock was staged on-site north of the MATCON cell on existing concrete slabs which minimized wasting riprap rock that may have been mixed with soils had the rocks been staged on dirt. During drainage swale cleaning, areas of the side berms were strengthened in the pond and pond drainage swale. The areas around the inlet and outlet of pond overflow culvert were cleared, and the berms reinforced. TCEQ and City of Belton representatives visited the site and expressed the following concerns:

1. The geo-netting debris that was being removed from the drainage areas needed to be removed off-site or properly buried in the excess dirt pile;
2. The new geotextile needed to be anchored to the edge of the MATCON cap;

DBS&A and Alamo1 addressed the concerns as follows:

1. Exposed geo-netting debris was removed from the excess dirt pile, staged, and placed into a roll-off box which was properly disposed of off-site.
2. Landscaping fabric staples were installed to anchor the geotextile in place.

Installation of the new geotextile fabric in the drainage swale around the MATCON cell began on August 16th. Landscaping staples were placed at approximately 5-foot intervals to anchor the top of the fabric to the soil at the edge of the MATCON cell prior to placing rip-rap on top of the fabric. Rip-rap was placed from the bottom of the drainage swale up to both the edge of the MATCON cell and to the top of the outside berm.

Additional rip-rap was placed around the interior of the retention pond and around both the inlet and outlet of the pond overflow pipe. Rip-rap was also installed in the drainage swale below the retention pond in the drainage swale draining to FM93 to facilitate vehicle crossing.

Clean soil from south of the pond was scraped and utilized to cover and contour the excess soil pile on August 18th. The excess soil pile was also compacted using the loader. Heavy rains in the area provided an opportunity to observe the drainage controls in action. Flowing water was observed in all the swales and from the pond outlet straight to the FM-93 culverts. About one (1) foot of standing water was observed in the pond. Some ponding of water was noted near the vehicle crossing area. The heavy equipment created substantial ruts on site while working during the rain. After the site dried out, Alamo1 utilized a skid steer loader to smooth out any ruts on August 27th.

DBS&A met with Alamo1 representatives at the site on August 27th to inspect the work done. Exposed plastic geo-netting debris was pulled out of the dirt and placed in plastic trash bags for off-site disposal. A skid steer loader was utilized to level the ruts in the road that remained. A section of rip-rap rock had eroded from the inside slope of the MATCON drainage during the previous rain event. Additional rip-rap rock was placed in the area reinforcing it against further erosion.

### **Summary**

Drainage maintenance activities as specified in TCEQ Work Order No. 248-0058 have been properly completed. Approximately 54,000 sq. ft. of land was cleared/cleaned out and approximately 32,000 sq. ft. of land had rip-rap installed after clearing. Figure 1 depicts the cleared and rip-rap areas.

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

Ms. Marilyn Long  
September 4, 2012  
Page 4

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

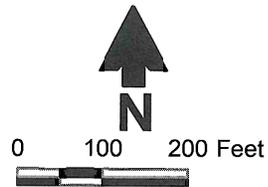
Attachments



Source: (c) 2010 Microsoft Corporation and its data suppliers.

### Explanation

-  Rockwool MATCON
-  Cleared and riprap
-  Cleared area



ROCKWOOL INDUSTRIES, INC. (SUP033)  
**Drainage Maintenance Map**

Figure 1



**Daniel B. Stephens & Associates, Inc.**  
09/04/2012  
PK ES12.AIRS.11

**Attachment 1**

**Field Notes**

(52) 8.13.12 ROCKWOD L. BELTON, TX

0715 DEPART OFFICE, PERSONAL  
VEHICLE MILEAGE 108,740  
SARA EATMAN (S.E.)

0845 ARRIVED AT SITE WITH BILLY  
GAMBUN. ALAMO 1 CREW  
IS ON SITE, UNLOAD 2 &  
MACHINES -

JUNY, ABOUT 85°, BREEZY  
0850 TAILGATE MEETING, SIGNED  
SITE SAFETY PLAN WITH  
JEFF AND KEITH FROM

ALAMO 1

09:00 WALKED SITE

0930 B.G. CALLED TCEQ P.M.  
MAYILYN LONG, 512-239-0761  
AND UPDATED HER ON THE  
SITE STATUS

09030 ~~JOHN~~ 8.13.12 MACHINES ON  
SITE ARE JOHN DEERE 544K  
FRONTEND LOADER AND KOMATSU  
39PX DOZER, BOTH FROM NEFF  
RENTAL

ALAMO 1 CREW:  
JEFF BUSKE  
KEITH BEADLE

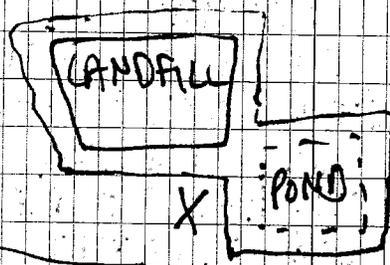
→ SE 8.13.12 →

8.13.12 ROCKWOD L, SE. (53)

0940 BEGAN ~~BE~~ SE 8.13.12 CLEARING THE  
WEST EDGE OF THE DRAINAGE  
SWALE. JEFF CALLED RICHARD TO  
GET AN EXCAVATOR INSTEAD  
OF THE DOZER.

0750 B.G. TALKED TO RICHARD AT  
ALAMO 1, WHO AGREED THAT  
THEY WOULD SWITCH OUT MACHINES.  
KEITH STARTED WORKING ON THE  
DRAINAGE POND, TOOK OUT THE  
THREE TREES THAT WERE GROWING  
IN THE CENTER.

1005 BILLY TALKED TO JEFF & KEITH,  
INSTRUCTED THEM TO DUMP  
EXCESS DIRT AND BRUSH 8.13.12  
GRASS INTO THE CORNER TO THE  
NORTHWEST OF THE DRAINAGE  
POND, BY THE SOUTHEAST  
CORNER OF THE SWALE.



8.13.12. 02 →

(54) 8.13.12 ROCKWOOD 1

1130 GEOTEXTILE WAS DELIVERED  
3x15' 2x12 1/2 x360' LONG  
RECEIVED BY JEFF.

1230 BROKE FOR LUNCH

1315 RESUMED WORK. BOTH MACHINES  
STILL WORKING ON STORMWATER  
POND.

1340 JEFF STARTED ON THE SWALE  
WITH THE DOZER.

1600 SPOKE TO BILLY ABOUT THE  
DIRT, BRUSH, GRASS AND  
GEOMETTING PILE, HE ASKED  
THAT IT BE COMPACTED TO  
THE LEVEL OF SURROUNDING  
BERMS. I TOLD JEFF AND  
KEITH.

THE DOZER WAS SWAPPED FOR  
AN IHI 80 NX COMPACT  
EXCAVATOR

THE SWALE AROUND THE  
LANDFILL, THE POND, AND  
THE DRAINAGE OUTLET FROM  
THE POND ARE ALL BEING  
WORKED ON, AND THE DIRT  
PILE IS BEING COMPACTED.

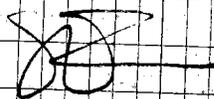
 8.13.12

8.13.12 ROCKWOOD - 87 - (55)

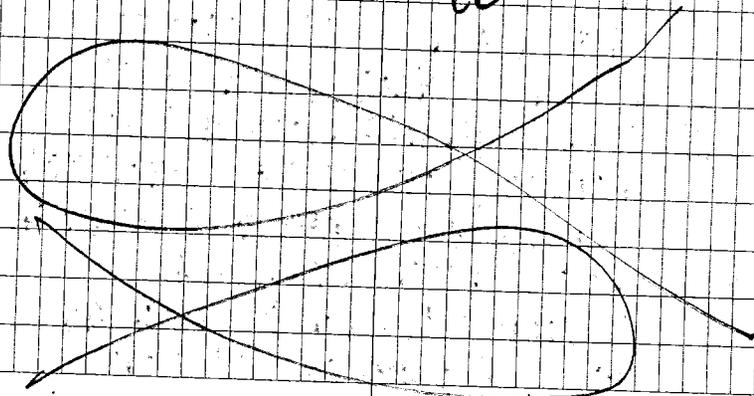
1730 ALAMO 1 CREW FINISHED WORK.

1745 I WALKED THE PERIMETER OF  
THE LANDFILL, ONLY THE  
OUTSIDE BERM HAS BEEN  
CLEARED, SO THE CAP IS  
UNHARMED. POND IS CLEARED  
AND MOST OF THE POND  
OUTLET IS CLEARED.

1815 DROVE TO HOTEL. MILEAGE 108820



8.13.12



(56) 8.14.12 ROCKWOOL - SE -

0700 ARRIVED ON SITE. JEFF AND SOMEONE FROM NEFF RENTAL ARE HERE. THE EXCAVATOR CAME YESTERDAY WITH A BUCKET WITH TEETH, APPARENTLY THEY DIDN'T HAVE ANY FLAT BUCKETS AVAILABLE, SO A PIECE OF METAL IS BEING WELDED ACROSS THE TEETH.

0730 KEITH ARRIVED AND WE HAD THE TAILGATE HEALTH AND SAFETY MEETING. IT RAINED ON SITE LAST NIGHT, SO THE GROUND IS WET. THE ONLY STANDING WATER IN THE WORK AREA IS IN THE POND. IT'S NOT TOO MUDDY, BUT HUMID & HOT.

0815 ROD PERKINS JOINED THE ALAMO 1 CREW, WE WENT OVER HEALTH AND SAFETY PAPERWORK.

0820 ROCK TRUCK ARRIVED DUMPED THE FIRST TRUCKLOAD ON THE SLAB ON THE NORTH -

SE. 8.14.12

8.14.12 ROCKWOOL - SE - (57)

0820 (CONT) EAST CORNER OF THE PROPERTY

1000 LES FROM THE CITY OF BELTON CAME BY TO CHECK ON THE SITE.

1010 MORE ROCK WAS DELIVERED. (TOTAL OF 4 LOADS SO FAR)

JEFF IS RECEIVING ALL OF THE LOADS AND HANDLING THE PAPERWORK.

1140 THE ~~SOIL~~ ~~SE~~ 8.14.12 INSIDE OF THE DRAINAGE SWALE IS BEING CLEANED BY THE COMPACT EXCAVATOR. THE EAST SIDE IS MOSTLY DONE AFTER THIS MORNING.

1145 BREAK FOR LUNCH

12:30 RETURN FROM LUNCH

1240 WALKED THE EAST SIDE OF THE LANDFILL, THERE ARE A FEW MINOR SCRAPE MARKS ON THE CAP, BUT NO REAL DAMAGE. I TOOK PHOTOS OF THE LENGTH OF THE EAST EDGE.

1315 THE SOUTH SIDE OF THE LANDFILL, ABOUT 100 FT FROM THE SOUTHEAST CORNER, THERE ARE SOME BLOCKS

8.14.12 SE

(58) ROCKWOOD 8.14.12 - 8F -

1315 (CONT.) OF THE CAPPING MATERIAL / ASPHALT AND A LOT OF GRAVEL. I CALLED BILLY TO ASK IF IT SHOULD STAY OR BE REMOVED, AND HE SAID THAT IT SHOULD BE FINE EITHER WAY.

1325 SPOKE TO MARILYN LONG @ TCEQ. SHE AND HER PUBLIC RELATIONS PERSON ARE GOING TO COME TOMORROW FOR A SITE VISIT. SHE WILL CALL ME IN THE MORNING WHEN THEY LEAVE TCEQ.

1340 TWO MORE LOADS OF ROCK WERE DELIVERED FOR A TOTAL OF 12 OF THE ~25 WE ARE EXPECTING.

1345 JEFF GOT A FLAT TIRE IN HIS WORK TRUCK, WENT TO GET IT FIXED.

1440 JEFF GOT BACK FROM FIXING HIS TIRE. HE HAD JUST SPOKEN TO THE ALAMO OFFICE; AND ROD, THE THIRD MAN ON THEIR

8.14.12 8F

ROCKWOOD 8.14.12 - 8F - (59)

1440 (CONT.) CREW DOESN'T HAVE A DRIVERS LICENSE, SO KEITH AND ROD ARE GOING TO THE MOTOR VEHICLE DIVISION. JEFF IS STILL ON SITE, WORKING ON THE SOUTH SWALE WITH THE COMPACT EXCAVATOR.

1730 SE. 8.14.12

1515 KEITH AND ROD RETURNED, THE LOADER AND MINI-EXCAVATOR PROCEEDED. ON S. END OF LANDFILL  
1730 ALAMO 2 CREW FINISHED WORK FOR THE DAY. MILEAGE FOR MY VEHICLE: 108851

8.14.12  
888

(60) ROCKWOOL 8.15.12 SJ

0710 ARRIVED ON SITE (S.E.)  
CONDUCTED DAILY TRAILGATE  
SAFETY MEETING (SARA BATTMAN)  
ALAMO CREW:

JEFF BOSKE

KEITH BEADLE

ROD PERKINS

OVERCAST, ABOUT 80°F, NO  
PRECIPITATION OVERNIGHT.

0850 456 TONS OF ROCK WERE  
DELIVERED, ~~AT 8/15/12~~ YESTERDAY,  
OF THE TOTAL 600 TONS THAT  
WERE ORDERED. THE FIRST  
COUPLE OF TRUCKS HAVE  
ARRIVED TODAY.

0930 SPOKE TO MARILYN LONG,  
SHE WAS LEAVING TCEO  
OFFICES FOR A SITE VISIT.

0615 MARILYN AND JOHN CAME, WALKED  
MOST OF THE AREA

1130 LES FROM THE CITY CAME  
AND WE ALL WALKED THE  
POND AND...  
WENT TO LUNCH.

1215 RETURNED FROM LUNCH.

← 8.15.12

SJ

ROCKWOOL 8.15.12 SJ

(61)

1215 LES AND MARILYN WERE  
CONCERNED ABOUT:

① THE NETTING THAT WE HAVE  
PULLED OFF OF THE SWALES  
AND BERMS. BILLY SAID  
THAT IT WOULD BIODEGRADE  
BUT THEY ARE NOT SURE IT  
WILL BE FAST ENOUGH. NOW  
THERE ARE BIG PILES OF IT  
IN THE PILE OF EXCESS DIRT  
AND MATERIAL THAT NEED  
TO BE REMOVED AND  
DISPOSED OF. JEFF AND I  
SPOKE, HE SAID IT WOULD  
BE PULLED OUT, AND THE  
EXCESS DIRT AREA WILL BE  
SMOOTHED AND GRADED

② HOW WELL WILL THE GEO-  
TEXTILE ANCHOR TO THE  
EDGE OF THE CAP? THE  
GRADIENT OF THE INSIDE OF  
THE LANDFILL SWALE IS STEEP,  
AND MARILYN IS WORRIED  
ABOUT HOW THE PROPOSED  
DRAINAGE SYSTEM WILL HOLD UP

8.15.12 -

SJ

(62) ROCKWOOL 8.15.12

(CONTINUED) AGAINST EROSION.

WE HAVE NO WAY TO  
ANCHOR THE GEOTEXTILE TO  
THE EDGE OF THE CAP.

(3) THE AREA OF THE CAP  
WHERE THERE ARE BLOCKS  
OF ASPHALT AND ROCK MUST BE  
MAINTAINED AS IT IS → IT WAS  
AN EPA FIX FOR A PART  
OF THE CAP THAT HAD  
BEGUN TO COLLAPSE

1327 THE POND AND POND  
DRAINAGE SWALE HAD A  
FEW WEAK POINTS; JEFF  
CLEARED THE CULVERT AREA  
AND THE OVERFLOW, AND  
REINFORCED THE BERMS.

1335 TALKED TO BILLY AND  
RELAYED MARILYN'S CONCERN (2)  
ABOUT THE SEAM BETWEEN  
THE CAP AND THE GEOTEXTILE.  
HE SAID THAT WE ARE SUPPOSED  
TO GET THE GEOTEXTILE TUCKED  
UNDER THE LIP OF THE CAP  
WHERE POSSIBLE; GET IT

8.15.12

ROCKWOOL 8.15.12 (63)

1335 (CONTINUED) AS SNUG AS POSSIBLE  
EVERYWHERE ELSE.

1415 JEFF AND I PULLED OUT A PIECE OF  
THE GEOTEXTILE TO SEE THE WEIGHT  
AND TEXTURE. IT IS FAIRLY LIGHT-  
WEIGHT AND WILL REQUIRE SOMETHING  
TO SECURE IT AT THE EDGE OF THE  
CAP. SENT B.G. AN EMAIL SAYING THAT I  
1640 SPOKE TO BILLY. HE WANTS  
US TO DO A TEST SECTION, TO  
SEE HOW WELL THE ROCK RIP-RAP  
STAYS IN PLACE

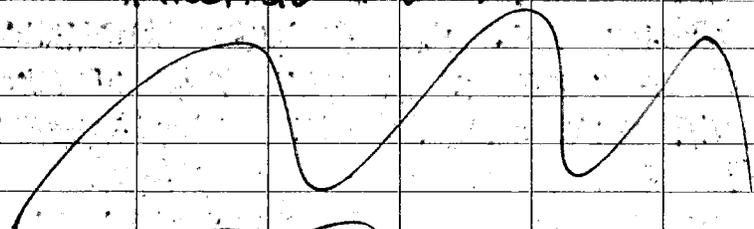
1650 RELAYED THIS TO JEFF, WHO  
AGAIN SUGGESTED AT LEAST  
USING LANDSCAPING FABRIC  
STAPLES. BILLY SAID THAT, IF THEY  
WANT TO BE PAID FOR THEM,  
WE WOULD NEED A CHANGE-  
ORDER, SO JEFF TALKED TO  
RICHARD (IN CHARGE @ ALAMO I)  
AND THEY SAID THEY WOULD  
JUST BUY THEM. WE ESTIMATED  
THAT, TO HAVE A STAPLE EVERY  
5 FEET, FOR THE 1400 FT  
PERIMETER, YOU NEEDED 300.

8.15.12

(64) ROCKWOOD 8.15.12 - SS.

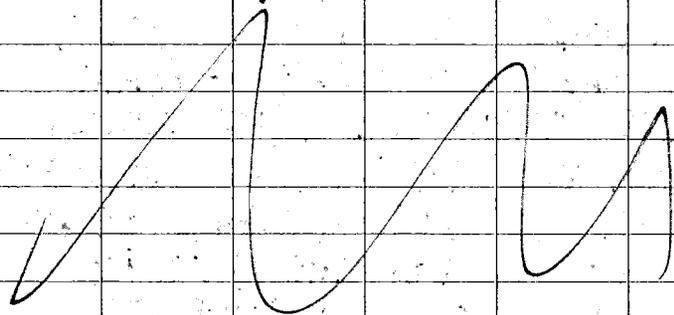
1715 SPOKE WITH CREW, PLANNED TO TRY A SECTION, THE STEEPEST TOMORROW MORNING!

MILEAGE 108874



SS

8.15.12



ROCKWOOD 8.16.12

(65)

0700 ARRIVED ON SITE. ALAMO CREW HERE. ~~MILEAGE~~ SE 8.16.12

KEITH BEADLE

JEFF BOSKE

KOD PERKINS

AND ME, SARA EATMAN (DE)

0715 TAILGATE MEETING, SIGNED HASP

0740 LAYED OUT A 40 FT LENGTH OF FABRIC ON THE SOUTH SIDE OF THE CAP, ABOUT 40 FT FROM THE SOUTHEAST CORNER.

STAPLES WERE USED TO SECURE THE INSIDE EDGE, AS CLOSE AS WE COULD GET THE FABRIC TO THE EDGE OF THE CAP. BECAUSE THE EDGE OF THE CAP IS UN-EVEN, THE FABRIC FOLLOWS THE CONTOUR CLOSELY, BUT THERE ARE AND WILL BE SOME GAPS BETWEEN THE FABRIC AND CAP. THE ROCK WAS PLACED AND SPREAD TO A THICKNESS OF ABOUT 6 IN. THERE ARE SOME FINES, BUT THE ROCK IS FAIRLY CONSISTENT

SS 8.16.12

(66) ROCKWOOL 8.16.12 - JJ -

740 (CONTINUED) WITH SPEC, AND IS BEING COMPACTED INTO THE BERM AS WELL.

THE FILTER FABRIC ONLY GOES ABOUT 4 FT UP THE OUTSIDE SLOPE OF THE SWALE, AND THE ROCK IS STOPPING THERE, TOO.

0700 FOUR LOADS OF ROCK HAS BEEN SPREAD OVER ABOUT 70 LINEAR FEET OF SWALE. IT IS BEING HAULED AND DUMPED BY THE LOADER, THEN SPREAD AND COMPACTED BY THE MINI-EXCAVATOR.

1135 FABRIC HAS BEEN PLACED ON THE EAST, AND NORTH SIDES, AND RIP-RAP HAS BEEN PLACED ON THE SOUTH EDGE. JEFF ANTICIPATES HAVING THE SOUTH AND EAST SIDES DONE TODAY. (PROGRESS REPORTING.)

— 8/2/16 JJ —

ROCKWOOL 8.16.12 - SE - (67)

1145 BREAK FOR LUNCH.

1245 RETURN FROM LUNCH.

SPOT-CHECKED DEPTH OF RIP-RAP AROUND THE SOUTH SIDE.

ALAMO (CREW) RAKED WEEDS AND ROCK OFF OF THE EDGE OF THE CAP.

1440 BILLY CALLED TO CHECK IN, AND I DESCRIBED OUR PROGRESS SO FAR. I MENTIONED THAT THE SWALE IS MUCH WIDER THAN IS ON THE SOUTHEAST CORNER. I ASKED ABOUT THE FABRIC, HOW MUCH EXTRA WE ARE SUPPOSED TO HAVE. HE SAID WE SHOULD HAVE 'PLENTY' AND HE WOULD PREFER THAT THE SWALE BE COVERED FROM THE CAP TO THE TOP OF THE OUTSIDE BERM. THERE ARE A FEW PLACES WHERE THE ROCK HAS ALREADY BEEN SPREAD OVER THE ENTIRE SWALE, WHERE THERE ISN'T FABRIC ACROSS THE ENTIRE SWALE. BILLY SAID TO COVER WHAT WE

— 8.16.12 - SE —

(68) ROCKWOOL - 8.16.12 - SE. -

(CONTINUED) 1440: CAN AND NOT  
TO WORRY ABOUT WHERE THE  
ROCK HAS ALREADY BEEN  
SPREAD OVER BARE DIRT.

1530 MY VEHICLE HAS A FLAT TIRE,  
DROVE TO GET IT FIXED.

1600 RETURNED TO THE SITE.

1715 ALAMO 1 CREW FINISHED FOR THE  
DAY. I WALKED THE SITE  
MILEAGE 108904

8.16.12

SS

ROCKWOOL - 8.17.12 - SE. 8.17.12 - (69)

0655 ARRIVED ON SITE

0710 TAILGATE SAFETY MEETING  
ALAMO 1 CREW - SAME  
(JEFF, KEITH, ROD)

I TOLD THEM THAT THE SOIL  
DISPOSAL AREA STILL ISN'T  
UP TO THE LEVEL THAT WE  
WANT. IT'S NOT VERY WELL  
CONTOURED AND THERE IS  
STILL A LOT OF THE PLASTIC  
NETTING SHOWING.

JEFF ASKED WHAT TO DO  
WITH THE EXTRA ROCK,  
BECAUSE IT LOOKS LIKE WE  
WILL HAVE A LOT OF IT.

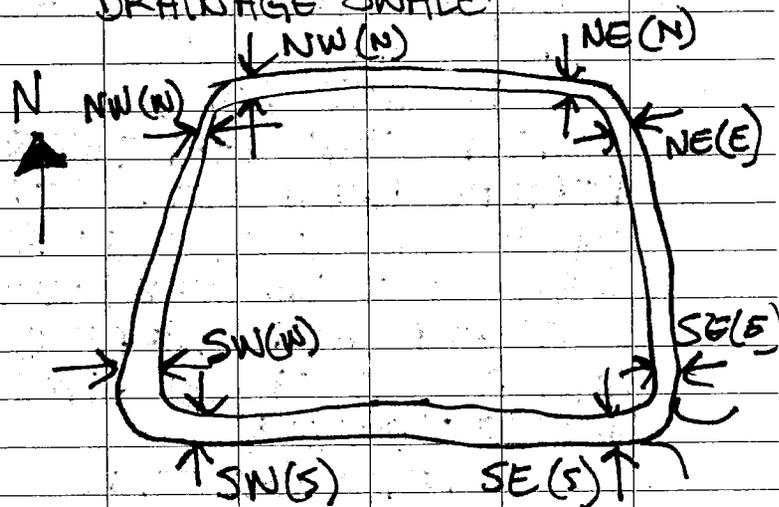
0715 SPOKE TO BILLY: WE ARE  
TO COVER THE DISPOSAL  
PILE WITH CLEAN SOIL FROM  
SOMEWHERE, AND TO PUT  
THE REST OF THE ROCK  
ON THE BERMS OF THE  
POND, AND THE POND OUTLET  
DRAINAGE.

JEFF VOICED CONCERNS ABOUT  
HAVING ENOUGH TIME.

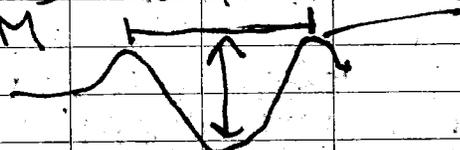
8.17.12

SS

(70) ROCKWOOL 8.17.12 SE —  
0830 TAKING MEASUREMENTS OF  
DRAWAGE SWALE



EACH MEASUREMENT TAKEN  
ACROSS THE TOP OF THE  
BERM



AND AN APPROXIMATE DEPTH,  
WITHOUT THE RIP-RAP.

SE  
8.17.12

ROCKWOOL

8.17.12

(71)

NW(N)	9'6"	1' -
NW(W)	9' -	1'6"
NE(N)	12' -	1'8"
NE(E)	12'6"	2' -
SW(S)	14'6"	3'6"
SW(W)	14' -	2'6"
SE(S)	22' -	4' -
<del>SE(W)</del>		
SE(E)	20'6"	3'6"

~~0945 ITEMS THAT HAVE BEEN SE  
REQUESTED THAT WERE NOT 8.17.12  
ON THE ORIGINAL WORK PLAN:~~

0945 TALKED TO MARILYN ABOUT  
WHERE ELSE SHE WOULD LIKE  
US TO PUT ROCK AND HOW  
TO FINISH THE EXCESS DIRT  
PILE SHE SUGGESTED FILLING  
IN THE SWALE A LITTLE MORE  
AND REINFORCING BERMS  
AROUND THE POND. ALSO,  
PUTTING ROCK DOWN AT THE  
TRUCK CROSSING AT THE  
SOUTHEAST DRAINAGE. SHE  
THINKS THAT ROCK IN THAT

8.17.12

SE

(72) ROCKWOOL - 8.17.12 - SE. -

0945 (CONT.) POND. OUTLET SWALE IS A BAD IDEA BECAUSE IT WILL BE HARD TO MOW AND CONTROL VEGETATION.

SHE WAS HAPPY WITH THE SOLUTION OF USING THE STAPLES IN THE FILTER FABRIC

1145 ALAMO CREW WENT TO LUNCH. ROD AND I PULLED AS MUCH OF THE FILTER FABRIC OFF OF THE EXCESS DIRT PILE AS WE COULD, AND PILED IT ON THE SIDE.

1200 LUNCH

1230 RETURN. LAYED DOWN RIP-RAP ON THE TRUCK-CROSSING, AROUND THE POND. OUTLET. REINFORCED THE POND INLET, THEN LINED THE REST OF THE BERM INSIDE OF THE POND.

1320 CONTINUED TO CLEAN NETTING OUT OF THE DIRT PILE.

1340 SPOKE TO BILLY ABOUT WHAT TO DO WITH THE

— 8.17.12 88 —

ROCKWOOL - 8.17.12 - SE. (73)

1340 (CONTINUED) EXCESS DIRT PILE, HE MAINTAINS THAT IT IS THE RESPONSIBILITY OF ALAMO!

1545 SPOKE TO RICHARD @ ALAMO ABOUT THE POSSIBILITY OF DISPOSING OF THE NETTING OFF-SITE.

1630 RICHARD APPROVED HAVING A ROLL-OFF DELIVERED TO THE SITE TOMORROW, AT 11:00. WE CONTINUED TO CLEAN THE EXCESS WASTE PILE BY HAND AND WITH THE EXCAVATOR.

1730 BILLY AND RICHARD APPROVED WORK THROUGH SATURDAY!

1815 LEFT THE SITE FOR THE DAY. DROVE TO AUSTIN: BACK: 109031

8.17.12

(74) ROCKWOLD 8.18.12 - SE

0700 ARRIVE ON SITE WITH ALAMO  
CREW. TAILGATE MEETING,  
SIGNED HASP ACCEPTANCE  
FORM. TAILGATE FORM (HANDWRITTEN)  
THERE ARE THUNDERSTORMS  
JUST TO THE NORTH, SO  
WE'RE TRYING TO CLEAN  
UP THE DIRT PILE AS EARLY  
AS POSSIBLE.

0730 LES, FROM THE CITY OF  
BELTON, CAME BY THE SITE.  
WAS HAPPY WITH EVERYTHING  
THAT WAS DONE SO FAR.

0845 SCRAPED THE GROUND SOUTH  
OF THE PIT FOR CLEAN  
SOIL TO COVER THE EXCESS  
SOIL PILE. ONLY DUG  
DOWN ABOUT 1 FT, BUT

THERE IS A DEPRESSION  
0850 IT BEGAN RAINING LIGHTLY.  
STOCKPILING CLEAN SOIL  
AND COLLECTING THE PLASTIC  
NETTING FOR DISPOSAL.  
DUG DOWN ABOUT 2 FT.  
LOWER THAN THE BERMS

8.18.12 - S.E.

ROCKWOLD 8.18.12 - SE (75)

0930 RAINING HARDER. ~~2~~  
BEGUN TO SPREAD CLEAN  
FILL OVER THE EAST END  
OF THE PILE. AND  
COMPACTING IT WITH THE  
LOADER.

0950 LIGHTNING ON THE SITE.  
WANTED TO SEE IF IT WOULD  
PASS.

1015 STOPPED WORK. SPOKE TO  
MARILYN ABOUT SITE PROGRESS,  
SHE REQUESTED WE UPDATE  
LES MONDAY MORNING ON  
HOW FAR WE GOT WITH IT.

1050 WAITING FOR THE DISPOSAL  
TRUCK TO ARRIVE - SHOULD  
BE WITHIN AN HOUR. STILL  
RAIN & LIGHTNING

1145 ROLL-OFF ARRIVED. FILLING  
IT FROM A PILE OF THE  
PLASTIC NETTING THAT HAS  
ACCUMULATED ON THE SOUTH  
SIDE OF THE SITE. ROLL-OFF  
IS IN THE PARKING LOT ON  
THE NORTH.

8.18.12

S.E.

(76) ROCKWOOL - 8.18.12 - SE -

1330 FILLED THE ROLL-OFF,  
ALL OF THE NETTING THAT  
WE PULLED OUT FIT. THE  
HAULER IS CONTRACTED WITH  
ALAMO 1, WILL NOT DISPOSE  
OF IT UNTIL MONDAY, WHEN  
WE CAN DEAL WITH WASTE  
MANIFEST PAPERWORK.

1345 JEFF AND ROD ARE  
USING THE MACHINES TO  
CLEAN UP THE RUTS FROM  
HAULING THE WASTE BACK  
AND FORTH. THE SITE IS  
MUDDY

1350 I WALKED THE SITE. ALL OF  
THE SWALES HAVE WATER  
FLOWING, THE POND HAS  
AT LEAST A FOOT OF WATER,  
THE CULVERT IS FLOWING  
AT ABOUT HALF-FULL,  
THE DRAINAGE DOWN TO  
FM 93 IS RUNNING, AND  
IS FLOWING STRAIGHT TO  
THE CULVERTS. SOME PONDING  
NEAR TRUCK CROSSING

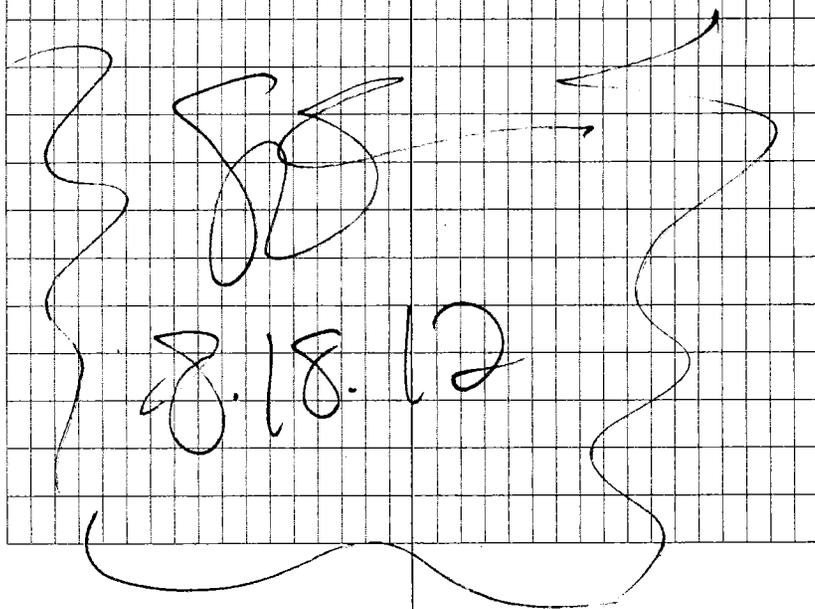
- 8.18.12 - SE -

ROCKWOOL - 8.18.12 - (77)

1410 ALAMO 1 CREW IS PACKING  
UP. THERE IS A VERY SMALL  
PILE OF ROCK LEFT ON THE SLAB  
TO THE NORTH OF THE CAP. THE  
RUTS FROM THE LOADER  
HAVE BEEN CLEANED AS MUCH  
AS POSSIBLE IN THE MUD.  
EQUIPMENT IS STAGED ON THE  
N. SLAB FOR DE-MOB.

1415 LEFT SITE. DROVE BACK TO  
AUSTIN

1530 ARRIVED IN AUSTIN  
MILEAGE 109126



(78)

8-27-12

Rockwool Industries

0810 DBS+A Gambli. on-site.  
Alamo 1 Richard Schreiber  
And Jeff Boske are on-site.

0815 Site Safety Meeting is  
conducted.

0820 Alamo 1 is pulling plastic  
Netting debris out of the  
dirt along the edges of  
the MATCON pad.

0900 Alamo 1 completes picking  
up plastic debris.  
A Bobcat skidsteer loader  
is delivered to the site.

0915 Alamo 1 is leveling the  
Ruts in the Road.

1030 Alamo 1 continues to level  
soil in AREAS where Ruts  
formed and in AREAS worked  
during the drainage  
clearout.

1200 Alamo 1 completes leveling  
and cleaning.

1210 A section of rock on the  
inside slope of the MATCON  
drainage has slid down

8-27-12

Rockwool Industries

(79)

and exposed some of the  
berm soil. Alamo 1 is  
installing rock in that  
AREA again from stockpile.

1235 Alamo 1 completes riprap  
repair.

1245 All site crews off-site.  
Note: Gate to FM 93  
was open upon crew arrival  
and was left open when  
crews left the site.

## **Attachment 2**

# **Photographic Documentation**



**Daniel B. Stephens & Associates, Inc.**



Date: August 13, 2012  
Photo Taken By: Sara Eatman  
Description: The retention pond being cleared of 3 small trees and vegetation (looking SE).



Date: August 13, 2012  
Photo Taken By: Sara Eatman  
Description: Swale along the southern edge of the landfill cap (looking W).



Date: August 13, 2012  
Photo Taken By: Sara Eatman  
Description: The edge of the landfill cap, typical.



Date: August 13, 2012  
Photo Taken By: Sara Eatman  
Description: Initial scraping of the retention pond, and the first accumulations of the plastic landscaping netting (looking SE).



Daniel B. Stephens & Associates, Inc.



Date: August 13, 2012  
Photo Taken By: Sara Eatman  
Description: Cleared pond, including the outlet culvert (looking E).



Date: August 13, 2012  
Photo Taken By: Sara Eatman  
Description: The retention pond (looking SE).



Date: August 13, 2012  
Photo Taken By: Sara Eatman  
Description: Drainage swale (looking SE).



Date: August 13, 2012  
Photo Taken By: Sara Eatman  
Description: Excess soil, vegetation, and landscape netting, piled between the retention pond and the southeastern corner of the landfill (looking E).



Daniel B. Stephens & Associates, Inc.



Date: August 14, 2012  
Photo Taken By: Sara Eatman  
Description: Southern edge of the MATCON cap, previously installed reinforcements (looking NW).



Date: August 14, 2012  
Photo Taken By: Sara Eatman  
Description: MATCON cap edge, typical.



Date: August 14, 2012  
Photo Taken By: Sara Eatman  
Description: Scraping vegetation from the swale on the north side of the MATCON cap (looking E).



Date: August 15, 2012  
Photo Taken By: Sara Eatman  
Description: Retention pond outlet before further contouring and installation of rip-rap (looking W).



Daniel B. Stephens & Associates, Inc.



Date: August 16, 2012  
Photo Taken By: Sara Eatman  
Description: Installation of filter fabric on south edge of the cap, using landscaping staples (looking W).



Date: August 16, 2012  
Photo Taken By: Sara Eatman  
Description: First load of rip-rap on the filter fabric (looking SW).



Date: August 16, 2012  
Photo Taken By: Sara Eatman  
Description: Installed thickness of rip-rap, typical.



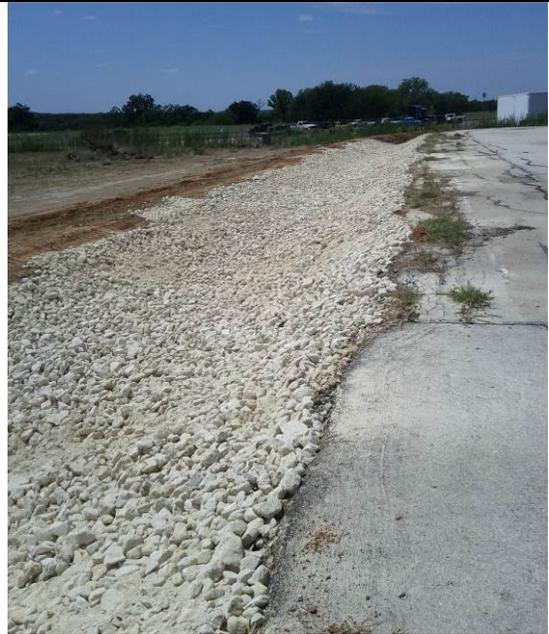
Date: August 16, 2012  
Photo Taken By: Sara Eatman  
Description: Rip-rap installation over reinforced area (looking W).



Daniel B. Stephens & Associates, Inc.



Date: August 16, 2012  
Photo Taken By: Sara Eatman  
Description: Rip-rap on the drainage swale on the south edge of the landfill cap (looking W).



Date: August 16, 2012  
Photo Taken By: Sara Eatman  
Description: Rip-rap on the drainage swale on the north edge of the landfill cap (looking E).



Date: August 17, 2012  
Photo Taken By: Sara Eatman  
Description: Rip-rap truck crossing for the swale between the retention pond and the FM 93 culverts (looking S).



Date: August 18, 2012  
Photo Taken By: Sara Eatman  
Description: Rip-rap at the southern entrance to the property (looking S).



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: August 18, 2012  
Photo Taken By: Sara Eatman  
Description: Removal of plastic landscaping netting from the excess soil stockpile (looking SE).



Date: August 18, 2012  
Photo Taken By: Sara Eatman  
Description: Stormwater flowing down the drainage swale toward FM 93 culvert (looking S).



Date: August 18, 2012  
Photo Taken By: Sara Eatman  
Description: Stormwater flowing from the edge of the property toward the FM 93 culverts (looking SE).



*Daniel B. Stephens & Associates, Inc.*



Date: August 18, 2012  
Photo Taken By: Sara Eatman  
Description: Rip-rap around the retention pond berms and at the MATCON cap swale outlet (looking SE).



Date: August 18, 2012  
Photo Taken By: Sara Eatman  
Description: Excess soil stockpile, compacted with plastic netting removed (looking SE).



Date: August 27, 2012  
Photo Taken By: Billy Gamblin  
Description: Contoured excess soil stockpile (looking E).

**Attachment 3**  
**Waste Manifest**

Sunbelt Plc



18040

NON-HAZARDOUS WASTE MANIFEST

1016035

Please print or type.

1. Generator's US EPA ID Number N/A		Manifest Document Number		2. Page 1 of	
3. Generator's Name and Mailing Address Daniel B Stephens & Associates Inc. Offeror 4030 W Baker Lane Ste 325 Austin, Texas 78759			5. Generating Location (if different) Daniel B Stephens & Associates Inc. Offeror 1741 Taylor Valley Road Austin, Texas 78743		
4. Phone (512) 221-2765		6. Phone (512) 221-2765			
7. Transporter #1 Company Name Sunbelt Industrial Services Trans ID 87434		8. US EPA ID Number		9. Transporter #1's Phone 317-877-0966	
10. Transporter #2 Company Name		11. US EPA ID Number		12. Transporter #2's Phone	
13. Designated T/S/D Facility Name and Site Address ITASCA LANDFILL 2050 FM 28 ITASCA TEXAS 78156		14. US EPA ID Number H 0241		15. Facility's Phone 254-221-4114	
16. Waste Shipping Name and Description		17. Allied Waste Approval # and Exp. Date		18. Containers	
a. Water Impacted with Metals		APPROVAL # 51101219201 EXP DATE 02-01-2013		19. Total Quantity 3	
b.				20. Unit DR	
c.					
d.					
21. Additional Descriptions for Materials Listed Above		H132			
22. Special Handling Instructions and Additional Information CUSTOMER: SUNBELT INDUSTRIAL SERVICES CUSTOMER # 19010 * SIGNED AS OFFEROR IN THE COURSE AND SCOPE OF THE CONTRACTUAL PERFORMANCE OF SCOPE SOURCE ON BEHALF OF THE TCEQ AS REQUIRED BY STATE LAW					
23. GENERATOR'S CERTIFICATION: I certify the materials described on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.					
Printed/Typed Name SARA EATMAN *		Signature 		Month Day Year 08/13/12	
24. Transporter #1: Acknowledgement of Receipt of Materials					
Printed/Typed Name Alfredo Zuniga		Signature alfredo zuniga		Month Day Year 08/13/12	
25. Transporter #2: Acknowledgement of Receipt of Materials					
Printed/Typed Name		Signature		Month Day Year	
26. Discrepancy Indication Space 600 tons					
27. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)					
ITASCA LANDFILL					
Printed/Typed Name Kim Woods		Signature Kim Woods		Month Day Year 08/13/12	

GENERATOR

TRANSPORTER

T/S/D FACILITY

ORIGINAL - RETURN TO GENERATOR

COM000033

JOB# AR12-01271

Covel Gardens Landfill  
8611 Covel Road  
San Antonio, TX, 78252  
Ph: (210) 623-8800

~~JEFF~~  
ACI

Original  
Ticket#: 1698958  
Date: 08/20/2012 Time Out: 7:25AM

Scale In Scale 3  
Carrier: ACI ACI DISPOSAL  
Vehicle#: 977-30  
Customer: ACIDISP ACI DISPOSAL

30yd

Temple/Waco

Product	QTY/UOM
Origin	Container
1 2000T-C&D TONS	20.58 Tons

Comments:

~~Amund~~  
ACI

Inbound Gross: 73660 lb  
Tare: 32500 lb  
Net: 41160 lb  
Tons: 20.58