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NEW MEXICO
ENVIRONMENT DEPARTMENT

Surface Water Quality Bureau

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DAVE MARKLIN
Secretary

BUTCH TONGATE
Acting Deputy Secretary

Certified Mail - Return Receipt Requested

September 13, 2011

Mr. Jeremiah K. Lemons, Operations Manager
Oldcastle SW Group, Inc.
Four Corners Materials
1106 Highway 516
Aztec, NM 87410

RE: Industrial Storm Water; SIC 1422; NPDES Compliance Evaluation Inspection; Oldcastle SW Group, Inc.;
NPDES Permit No. NMU001763; August 16, 2011

Dear Mr. Lemons:

Enclosed please find a copy of the report for the referenced inspection that the New Mexico Environment Department (NMED) conducted at your facility on behalf of the U.S. Environmental Protection Agency (USEPA). This inspection report will be sent to the USEPA in Dallas, for their review. These inspections are used by USEPA to determine compliance with the National Pollutant Discharge Elimination System (NPDES) permitting program in accordance with requirements of the federal Clean Water Act.

Problems noted during this inspection are discussed in the Further Explanations section of the inspection report. You are encouraged to review the inspection report and required to correct any problems noted during the inspection and to modify your operational and/or administrative procedures, as appropriate. Further, you are encouraged to notify, in writing, both USEPA (Diana McDonald, USEPA (6EN-WM), 1445 Ross Ave., Dallas, Texas 75202) and NMED (at above address) regarding modifications and compliance schedules.

The NPDES Storm Water Multi-Sector General Permit for Industrial Activities (MSGP-2008) was reissued on September 29, 2008. The MSGP, fact sheet and other information on the industrial storm water program can be downloaded at <http://cfpub2.epa.gov/npdes/stormwater/msgp.cfm>.

Thank you for your cooperation and assistance during this inspection. If you have any questions about this inspection report, please contact me at (505) 827-2575.

Sincerely,

/s/Daniel Valenta

Daniel Valenta
Surface Water Quality Bureau

Cc: Marcia Gail Adams, EPA, Enforcement Section (6EN-AS) by e-mail
Carol Peters-Wagnon, EPA (6EN-WM) by e-mail
Diana McDonald, EPA (6EN-WM) by e-mail
Samual Tates, EPA, (6W-AS) by e-mail

Darlene Whitten-Hill, EPA, (6EN) by e-mail
NMED District I by e-mail



Form Approved
OMB No. 2040-0003
Approval Expires 7-31-85

NPDES Compliance Inspection Report

Section A: National Data System Coding

Transaction Code	NPDES	yr/mo/day	Inspec. Type	Inspector	Fac Type
1 N 2 5 3 N M U 0 0 1 7 6 3 11 12 1 1 0 8 1 6 17 18 ~ 19 S 20 2					
Remarks					
C R U S H E D S T O N E					
Inspection Work Days	Facility Evaluation Rating	BI	QA	Reserved	
67 [] [] [] 69	70 2	71 N 72 N 73 [] [] 74 75 [] [] [] [] 80			

Section B: Facility Data

Name and Location of Facility Inspected (For industrial users discharging to POTW, also include POTW name and NPDES permit number)	Entry Time /Date 1147 hours / 8-16-2011	Permit Effective Date 9-29-2008
Four Corners Materials, San Antonio Pit is located off NM 371, approximately 6.7 miles northeast of Interstate 40, and approximately 5 miles northeast of Thoreau, New Mexico city limits. The pit is located 1 mile to the east of NM Hwy 371 and is accessed by a dirt road.	Exit Time/Date 1312 hours/ 8-16-2011	Permit Expiration Date 9-29-2013
CIBOLA COUNTY		
Name(s) of On-Site Representative(s)/Title(s)/Phone and Fax Number(s)	Other Facility Data	
Jarvis Davis/ Site Manager/505-879-7871	N. 35° 26' 20.68" W. -108 °07' 00.31"	
Name, Address of Responsible Official/Title/Phone and Fax Number	SIC 1422 Sector J Subsector J2	
Jeremiah Lemons, 1106 Hwy 516, Aztec, NM 87410/Operations Executive/505-334-1400 cell 970-759-1559	Contacted Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> *	

Section C: Areas Evaluated During Inspection (S = Satisfactory, M = Marginal, U = Unsatisfactory, N = Not Evaluated)

U	Permit	N	Flow Measurement	N	Operations & Maintenance	N	CSO/SSO
U	Records/Reports	U	Self-Monitoring Program	N	Sludge Handling/Disposal	N	Pollution Prevention
M	Facility Site Review	N	Compliance Schedules	N	Pretreatment	N	Multimedia
N	Effluent/Receiving Waters	N	Laboratory	U	Storm Water	N	Other:

Section D: Summary of Findings/Comments (Attach additional sheets if necessary)

1. PLEASE SEE FURTHER EXPLANATIONS FOR DETAILS

Name(s) and Signature(s) of Inspector(s)	Agency/Office/Telephone/Fax	Date
DANIEL VALENTA /s/Daniel Valenta	NMED/SWQB 505-827-2575	9/13/2011
Signature of Management QA Reviewer	Agency/Office/Phone and Fax Numbers	Date
RICHARD E. POWELL /s/Richard Powell	505-827-2798	9/13/2011

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Further Explanations

Introduction

On August 16, 2011, Daniel Valenta of the New Mexico Environment Department (NMED), Surface Water Quality Bureau (SWQB) conducted a Compliance Evaluation Inspection (CEI) at the San Antonio Pit located off NM 371, approximately 6.7 miles northeast of Interstate 40, and approximately 5 miles northeast of Thoreau, New Mexico city limits. The pit is located 1 mile to the east of NM Hwy 371 and is accessed by a dirt road. The purpose of this inspection was to document the facility's status regarding the National Pollution Discharge Elimination System (NPDES) permit requirements for "stormwater discharges associated with industrial activity" under 40 Code of Federal Regulations (CFR) 122.26(b) (14). This facility has industrial activities being conducted that meet the descriptions in Section J (Mineral Mining and Dressing) of the 2008 Multi-Sector General Permit (MSGP). Additional information from the U.S. Environmental Protection Agency (USEPA) on the Multi-Sector General Permit, factsheet and how to apply is available at http://cfpub1.epa.gov/npdes/stormwater/msgp.cfm#permit_factsheet. This CEI report is based on on-site observation by NMED personnel and verbal information provided by Mr. Jarvis Davis, Site Manager.

The nearest receiving water to the San Antonio Pit is Mitchell Draw, an intermittent waterway in the Rio Jose watershed. Mitchell Draw is located approximately 3.5 miles south of the facility via the shortest distance between Mitchell Draw and the San Antonio Pit. Any storm water from the site would enter the local drainage system, which in turn discharges to the Mitchell Draw.

An entrance interview was conducted at the site at approximately 1210 hours on August 16, 2011. The inspector presented credentials and discussed the purpose of the inspection. The inspector and Mr. Davis toured the mining operation and upon completion a brief exit interview to discuss the preliminary findings of this inspection was conducted. The inspector left the site at approximately 1312 hours on August 16, 2011.

Finding

Industrial activities conducted at San Antonio Pit include, blasting, excavation, crushing, stockpiling, and sales of crushed limestone aggregate. Material that is extracted from the open pit is processed through a rock crushing plant located inside the pit. The crushed material is then screened and sorted into stockpiles of various sized aggregate inside of the pit. The aggregate is sold commercially and removed for various projects.

The site is located on New Mexico State Trust Land in Section 16, Township 14 North, Range 12 West, NMPM, McKinley County, New Mexico. The total number of acres leased from the New Mexico State Land Office is 120 acres. Approximately 40 of the 120 acres were mined by previous mining activity and are currently being reclaimed, 5 acres are currently being mined, and 65 acres have been mined and/or disturbed by operations. The remaining 10 acres are currently undisturbed.

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- Under the 2000 MSGP permit # NMR05B17 was issued April 10, 2001, to Gallup Sand & Gravel for the operation of the San Antonio Pit.
- In November 2007 Sky Ute Sand and Gravel, LLC (SUSG) took over the mining operation and lease. The facility applied for and was issued permit NMR05GC46 for the operation of the facility.
- The San Antonio Pit mining operation and lease was taken over by Four Corners Materials, a division of Oldcastle SW Group, Inc. Sky Ute Sand and Gravel, LLC filed a Notice of Termination (NOT) on May 13, 2011 for permit NMR05GC46.
- No NOI has been filed by Four Corners Materials for the operation of the San Antonio Pit facility. **The facility does not have permit coverage.**

On-Site Activities

The facility appeared to generally have good housekeeping practices with no windblown litter and trash, debris; there were no observed leaks from drums, or the diesel tanks.

Activities which occur at the facility result in the creation of various pollutant sources and potential pollutants which include, but are not limited to:

<i>Activities</i>	<i>Pollutant Sources</i>	<i>Pollutants</i>
<i>Site Preparation</i>	<i>Road construction</i>	<i>Dust, total suspended solids (TSS), total dissolved solids (TDS), turbidity</i>
	<i>Removal of overburden</i>	
<i>Mineral Processing Activities</i>	<i>Rock sorting</i>	<i>Dust, TSS, TDS, turbidity, fines</i>
	<i>Raw material storage</i>	<i>Dust, TSS, TDS, turbidity</i>
	<i>Waste rock storage</i>	<i>Dust, TSS, TDS, turbidity, pH</i>
	<i>Raw or waste material transportation</i>	<i>Dust, TSS, TDS, turbidity</i>
<i>Equipment/Vehicle Maintenance</i>	<i>Fueling activities</i>	<i>Diesel/gas fuel, oil</i>
	<i>Parts cleaning</i>	<i>Solvents, oil, heavy metals, acid/alkaline wastes</i>
	<i>Waste disposal of oily rags, oil and gas filters, batteries, coolants, degreasers</i>	<i>Oil, heavy metals, solvents, acids</i>
	<i>Fluid replacement including hydraulic fluid, oil, transmission fluid, radiator fluids, and grease</i>	<i>Oil, arsenic, lead, cadmium, chromium, benzene, TCA, TCE, PAHs, solvents</i>

Source: Excerpts from Industrial Stormwater Fact Sheet Series, Sector J: Mineral Mining and Processing Facilities, http://www.epa.gov/npdes/pubs/sector_j_mineralmining.pdf

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Facility operators must prepare a SWPPP and comply with requirements of the 2008 MSGP that include, but are not limited to: control measure selection and design considerations (e.g., minimize exposure, good housekeeping, maintenance, spill prevention and response procedures, erosion and sediment controls, management of runoff, employee training, non-stormwater discharges, waste, garbage and floatable debris, dust generation and vehicle tracking of industrial materials); inspections (e.g., routine facility, quarterly visual assessment of stormwater discharges, and comprehensive); SWPPP (e.g., content, modification, availability, additional documentation); monitoring; and reporting and recordkeeping. In addition, the 2008 MSGP has sector-specific requirements for preventing contamination of stormwater discharges (see Part 8 of the Permit). Sector J activities have additional requirements in the Permit (see Section 8.J) for control measures that include, but are not limited to, management practices for clearing, grading, and excavation activities; selecting and installing control measures; good housekeeping; retention and detention of stormwater runoff; inspection of clearing, grading, and excavation activities; temporary stabilization of disturbed areas; final stabilization of disturbed areas; employee training; and stormwater controls. Sector J activities also have additional requirements in the Permit for inspections and inspection reports; SWPPP documentation; and benchmark monitoring for Total Suspended Solids (SIC 1422).

**NMED/SWQB
Site Overview**

City/County: East of Gallup, New Mexico /Cibola County	
Location: Approximately 5 miles northeast of Thoreau, New Mexico city limits	
Subject: Overview of mined area and surrounding area.	

