UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8
1595 WYNKOOP STREET
DENVER, COLORADO 80202-1129

AUTHORIZATION TO DISCHARGE UNDER THE
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM

In compliance with the provisions of the Clean Water Act, as amended, (33 U.S.C. § 1251 et seq; "the Act"),

The Oldcastle SW Group, Inc. d/b/a Four Corners Materials

is authorized to discharge from its sand and gravel mining operation located in the NW 1/4 of Section 14, Township 34 N, Range 7 W, latitude 37.191371° N and longitude 107.586513° W, La Plata County, Colorado

to the **Los Pinos River**

in accordance with discharge point(s), effluent limitations, monitoring requirements and other conditions set forth herein. Authorization for discharge is limited to those outfalls specifically listed in the Permit.

This Permit Modification shall become effective on TBD.

This Permit and the authorization to discharge shall expire at midnight on June 30, 2024.

Signed this_____day of

_____

Authorized Permitting Official

Darcy O'Connor, Director
Water Division

1. EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

1.3 Specific Limitations and Self-Monitoring Requirements:

1.3.1 Effluent Limitations – Outfall 001 and 002:

Effective immediately and lasting through the life of this Permit. The quality of effluent discharged by the facility shall, at a minimum, meet the limitations as set forth below:

Table 1 – Effluent Limitations

Effluent Characteristic	Effluent Limitation		
	30-Day Average a/	7-Day Average a/	Daily Maximum a/
Total Suspended Solids (TSS), mg/L	30	45	N/A
Escherichia coli, no./100 mL	N/A	N/A	200
Oil and Grease (O&G), mg/L	N/A	N/A	10
Aluminum, Total Recoverable, mg/L b/	0.74	N/A	1.4
The pH of the discharge shall not be less than 6.5 or greater than 9.0 at any time.			
There shall be no discharge of water which contacts solid or liquid wastes which are not required for the mining and processing of sand and gravel.			
There shall be no discharge of sanitary wastewaters from toilets or related facilities.			
No chemicals shall be added to the discharge unless prior written permission for the use of a specific chemical is granted by the permit issuing authority. In granting such use, additional limitations and/or monitoring requirements may be imposed.			
There shall be no discharge of floating debris, scum, foam, oil and grease, or other surface materials in quantities sufficient to harm existing beneficial uses of the receiving water.			
Bulk storage structures for petroleum products and other chemicals shall have adequate protection so as to prevent any reasonable loss of the material from entering discharged waters or waters of the United States. Dependent on the amount of products stored, the permittee may need to prepare a Spill Prevention Control and Countermeasures Plan as required by 40 C.F.R. Part 112.			

a/ See Definitions, section 1.1, for definition of terms.

b/ The total recoverable aluminum effluent limit is based on estimation of parameters required to determine an aluminum standard. This 'best estimate limit' will last for the life of this permit. Data collected by the permittee in the Los Pinos River will be used to determine the appropriate effluent limits for the next permit.

1.3.2 Self-Monitoring Requirements – Outfalls 001 and 002:

Effective immediately and lasting through the effective term of this Permit. Sampling and test procedures for pollutants listed in this part shall be in accordance with guidelines promulgated by the Administrator in 40 C.F.R. Part 136, as required in 40 C.F.R. § 122.41(j). At a minimum, the following constituents shall be monitored at the frequency and with the type of measurement indicated; samples or measurements shall be representative of the volume and

nature of the monitored discharge. If no discharge occurs during the entire monitoring period, it shall be stated on the Discharge Monitoring Report that no discharge or overflow occurred.

Table 2 – Monitoring Requirements for Outfalls 001 and 002

Effluent Characteristic	Frequency	Sample Type a/
Flow, mgd b/	Weekly	Instantaneous
TSS, mg/L	Monthly	Grab
Total Dissolved Solids (TDS), mg/L	Monthly	Grab
E. coli, no./100 mL	Monthly	Grab
pH, units	Weekly	Grab
Aluminum, Total Recoverable, mg/L	Monthly	Grab
O&G, mg/L	Monthly	Grab

a/ See Definitions, section 1.1, for definition of terms.

b/ Flow measurements of effluent volume shall be made in such a manner that the Permittee can affirmatively demonstrate that representative values are being obtained. The average flow rate in million gallons per day (mgd) during the reporting period and the maximum flow rate observed, in mgd, shall be reported.

1.3.3 Self-Monitoring Requirements – Outfall 001R – Upstream receiving water

Effective immediately and lasting through the effective term of this Permit. Sampling and test procedures for pollutants listed in this part shall be in accordance with guidelines promulgated by the Administrator in 40 C.F.R. Part 136, as required in 40 C.F.R. § 122.41(j). At a minimum, the following constituents shall be monitored at the frequency and with the type of measurement indicated; samples or measurements shall be representative of the volume and nature of the monitored discharge.

Sampling for receiving water parameters shall be taken in the Los Pinos River just upstream of the discharge of Outfall 001. The approximate coordinates of the sampling location are 37.1912° N, 107.5878° W. This location will be referred to as Outfall 001R. Note that this sampling is a requirement regardless of whether or not the facility is discharging at that time.

Table 3a – Monitoring Requirements for Outfall 001R (Los Pinos River)

Receiving Water Characteristic	Frequency	Sample Type a/
Sampling Date (mm/dd/yyyy)	Quarterly	Report
Sampling Time (military time – hh:mm)	Quarterly	Report
Aluminum, Total Recoverable (mg/L)	Quarterly	Grab
Dissolved Organic Carbon (field filtered), mg/L	Quarterly	Grab
Total Hardness, mg/L	Quarterly	Grab
pH, units	Quarterly	Grab

a/ See Definitions, section 1.1, for definition of terms.