



**Advanced Pavement Maintenance, LTD
Richardson Pit**

**Stormwater Pollution Prevention Plan (SWPPP)
Under the Multi-Sector General Permit (MSGP)**

February 2009

Prepared for:

Advanced Pavement Maintenance, LTD
300 N. Lakeside Dr.
Amarillo, TX 79118



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Industrial Stormwater Pollution Prevention Plan

for:

Richardson Pit
27 Miles North-East of San Jon, NM
Nearest Town: San Jon, NM 88434

SWPPP Contact(s):

Facility Operator:
Mr. Scotty Knutson
Company: Advanced Pavement Maintenance, LTD
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SWPPP Preparation Date:

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SECTION 1: FACILITY DESCRIPTION AND CONTACT INFORMATION

1.1 Facility Information

Facility Information

Name of Facility: **Richardson Pit**

Street: **27 miles North-East of San Jon, NM**

City: **San Jon** State: **NM** ZIP Code: **88434**

County or Similar Subdivision: **Quay County**

Permit Tracking Number: **N/A** (if covered under a previous permit)

Latitude/Longitude (Use **one** of three possible formats, and specify method)

Latitude:

Longitude:

1. **35 ° 22 ' 08 " N** (degrees, minutes, seconds)

1. **103 ° 04 ' 07 " W** (degrees, minutes, seconds)

2. ___ ° ___ ' ___ " N (degrees, minutes, decimal)

2. ___ ° ___ ' ___ " W (degrees, minutes, decimal)

3. ___ . ___ ° N (decimal)

3. ___ . ___ ° W (decimal)

Method for determining latitude/longitude (check one):

USGS topographic map (specify scale: **1:35,000**) EPA Web site GPS

Other (please specify): _____

Is the facility located in Indian Country? Yes No

If yes, name of Reservation, or if not part of a Reservation, indicate "not applicable." _____

Is this facility considered a Federal Facility? Yes No

Estimated area of industrial activity at site exposed to stormwater: **10** (acres)

Discharge Information

Does this facility discharge stormwater into an MS4? Yes No

If yes, name of MS4 operator: _____

Name(s) of water(s) that receive stormwater from your facility: **Canadian River**

Are any of your discharges directly into any segment of an "impaired" water? Yes No

If Yes, identify name of the impaired water (and segment, if applicable): _____

Identify the pollutant(s) causing the impairment: _____

For pollutants identified, which do you have reason to believe will be present in your discharge? _____

For pollutants identified, which have a completed TMDL? _____

Do you discharge into a receiving water designated as a Tier 2 (or Tier 2.5) water? Yes No

Are any of your stormwater discharges subject to effluent guidelines? Yes No

If Yes, which guidelines apply? 8.J.9 does not apply since no mine dewatering will not be performed at this site. _____

Primary SIC Code or 2-letter Activity Code: 1429
(refer to Appendix D of the permit)

Identify your applicable sector and subsector: Sector J – Mineral Mining and Dressing, Subsector J2 - crushed and broken stone

1.2 Contact Information/Responsible Parties

Facility Operator (s):

Name: **Mr. Scotty Knutson**
Address: **300 N. Lakeside Dr.**
City, State, Zip Code: **Amarillo, TX 79118**
Telephone Number: **(806) 371-7283**
Email address: **Scotty@paveamarillo.com**
Fax number: **(806) 372-0400**

Facility Owner (s):

Name: **Mr. Scotty Knutson**
Address: **300 N. Lakeside Dr.**
City, State, Zip Code: **Amarillo, TX 79118**
Telephone Number: **(806) 371-7283**
Email address: **Scotty@paveamarillo.com**
Fax number: **(806) 372-0400**

SWPPP Contact:

Name: **Mr. Scotty Knutson**
Telephone number: **(806) 371-7283**
Email address: **Scotty@paveamarillo.com**
Fax number: **(806) 372-0400**

1.3 Stormwater Pollution Prevention Team

Staff Names	Individual Responsibilities
Scotty Knutson	Facility owner/operator
Tommy Medlin	Production Manager

1.4 Activities at the Facility

The nature of the industrial activities at the Richardson Pit (the Site) is mining and crushing stone to produce construction aggregates from quarry stone (SIC Code 1429). At this site, stone and gravel is mined via excavation only. No blasting takes place. Screened and crushed stone and gravel are produced in the crushing process. The crushing plant operates during daylight hours only from sunrise to sunset. The proposed crusher, as authorized in the New Mexico Environment Department Air Quality Bureau's General Construction Permit 2 (GCP-2), No. 3925 dated February 16, 2009, operates at a maximum production rate of 400 tons per hour. All process equipment is powered by diesel engines; however, no diesel storage tanks will be stored on site. Refueling of the equipment will occur when needed by a portable tank that will be brought on-site.

1.5 General Location Map

A general location map (USGS New Mexico Quadrangle map) for this facility is included in Attachment A.

1.6 Site Map

A Site Map showing the following information as applicable to the site is included as Attachment B.

- the size of the property in acres;
- the location and extent of significant structures and impervious surfaces;
- directions of stormwater flow (use arrows);
- locations of all stormwater conveyances including ditches, pipes, and swales;
- locations of potential pollutant sources identified under MSGP, Part 5.1.3.2;
- locations of stormwater inlets and outfalls, with a unique identification code for each outfall (e.g., Outfall No. 1 and No. 2
- locations of the following activities where such activities are exposed to precipitation:
 - processing and storage areas;
 - immediate access roads used or traveled by carriers of raw materials, manufactured products, waste material, or by-products used or created by the facility; and
 - machinery.

SECTION 2: POTENTIAL POLLUTANT SOURCES

In general, all processing equipment, stockpiles and the quarry are exposed to stormwater. Detailed activities and associated pollutants are provided in Section 2.1 below:

2.1 Industrial Activity and Associated Pollutants

Industrial Activity	Associated Pollutants
Site Preparation: road construction, removal of overburden	Dust, total suspended solids (TSS), total dissolved solids (TDS), turbidity
Excavation of stone, gravel	Dust, TSS
Stone Processing: screening, crushing, conveying	Dust, TSS, TDS, turbidity, fines
Material storage (stock piles)	Dust, TSS, TDS, turbidity
Material loading and transportation	Dust, TSS, TDS, turbidity, diesel fuel, oil
Equipment/Vehicle maintenance*	Diesel fuel, oil
Reclamation activities: site preparation for stabilization	Dust, TSS, TDS, turbidity

* Equipment/Vehicle maintenance is limited to oil changes and refueling. Other, more major maintenance, will be performed off site, including washing with solvents.

2.2 Spills and Leaks

Areas of Site Where Potential Spills/Leaks Could Occur

Location	Outfalls
Crushing/screening plant including feeder bin and conveyor	Outfalls No. 1 and No. 2
Quarry	Outfalls No. 1 and No. 2
Loading areas	Outfalls No. 1 and No. 2
Stock piles	Outfalls No. 1 and No. 2

Description of Past Spills/Leaks

Date	Description	Outfalls
N/A	This is a new source, no past spills occurred at this site	N/A

2.3 Non-Stormwater Discharges Documentation

- Date of evaluation: **February 17, 2009**

- Description of the evaluation criteria used: **A site visit was performed to identify potential non-stormwater discharges.**
- List of the outfalls or onsite drainage points that were directly observed during the evaluation: **Two outfalls or on-site drainage points were observed. Potential outfall points No. 1 and No. 2 as indicated on the site map in Attachment B.**
- Different types of non-stormwater discharge(s) and source locations: **No unauthorized non-stormwater discharges were identified at this facility.**
- Action(s) taken, such as a list of control measures used to eliminate unauthorized discharge(s), if any were identified. For example, a floor drain was sealed, a sink drain was re-routed to sanitary, or an NPDES permit application was submitted for an unauthorized cooling water discharge: **No unauthorized non-stormwater discharges were identified at this site and therefore, no action needed to be taken to eliminate unauthorized non-stormwater discharges.**

2.4 Salt Storage

Not applicable at this site.

2.5 Sampling Data Summary

Not applicable at this site. This is a new source.

SECTION 3: STORMWATER CONTROL MEASURES

The following controls will be implemented at the site as soon as operation is authorized:

3.1 *Minimize Exposure*

To minimize the exposure of industrial activities to rain, snow, snowmelt, and runoff only equipment needed on site is used and stored at the facility. Equipment and/or material are covered with temporary structures such as tarps when wet weather is expected. Refueling of the equipment's engines with diesel fuel occurs only when needed and the diesel fuel will be brought on-site at that point. This facility does not contain fuel storage tanks on-site. Grading, berming, or curbing is implemented to prevent runoff of contaminated flows and to divert run-on from these areas. Leaky or leak-prone equipment is confined until the leak is fixed. If spills occur, these are cleaned up promptly using the best management practices to prevent discharge of pollutants. Drip pans, absorbents, and spill/overflow protection are used under equipment that is leaky or during maintenance of the equipment. Equipment is brought off-site for cleaning and major maintenance. Other best management practices (BMP), as discussed in the following sections, are implemented at this facility to eliminate or minimize the presence of pollutants in stormwater discharges.

3.2 *Good Housekeeping*

All exposed areas that are sources of pollutants are kept clean using such measures as keeping materials orderly and labeled and storing materials in appropriate containers. At the end of each work day, the site is swept for waste materials and debris. Routine inspections for leaks of all equipment on-site are performed at the beginning and at the end of each work day. This includes the crusher/screen plant and feeder bin as well as the excavator and front loader.

3.3 *Maintenance*

The facility operator and/or the production manager will continuously inspect, test, maintain, and repair all industrial equipment and systems to avoid situations that may result in leaks, spills, and other releases of pollutants in stormwater discharged to receiving waters. Control measures that are used to achieve the effluent limits required by this permit in effective operating condition are maintained. Nonstructural control measures are also diligently maintained (e.g., spill response supplies available, personnel appropriately trained).

Major repair, maintenance and cleaning/washing of the equipment are performed off-site in a controlled environment. For oil changes of equipment performed on site, drip pans, drain boards, and drying racks to direct drips back into a fluid holding container for reuse are utilized. Oil filters, air filters, greasy rags, used oil, and other disposable items are collected and stored in labeled and traceable containers until they are hauled off site. An inventory of all materials is maintained on-site. Employees working at this site are trained on proper waste control and disposal procedures.

3.4 Spill Prevention and Response

This site does not contain fuel or other potentially hazardous materials storage tanks. A Spill Prevention Control and Countermeasure (SPCC) plan is not required for this facility. At a minimum, the facility operator and the production manager implement the following procedures to prevent, control, minimize, and respond to potential spills, leaks or other releases:

- Containers storing wastes will be clearly labeled (e.g., “Used Oil”, “Used Rags”, “Trash”, etc.);
- Preventative measures such as barriers between storage containers and traffic (truck haul and loading areas), secondary containment, and proper procedures for material storage and handling will be implemented;
- Procedures for expeditiously stopping, containing, and cleaning up leaks, spills, and other releases and procedures for notifying appropriate facility personnel, emergency response agencies, and regulatory agencies will be implemented.

3.5 Erosion and Sediment Controls

To limit erosion at this facility and to prevent soil from becoming dislodged, only areas where mining is performed and where the crushing and screening equipment is set-up will be disturbed. Silt fences are set-up below the outfalls to trap sediment after it has eroded. Flow velocity dissipation devices are implemented at outfalls and discharge channels.

3.6 Management of Runoff

To minimize stormwater runoff and in order to contain stormwater and keep runoff from reaching the nearby Canadian River, berms are implemented using overburden and other materials available on-site. The following BMPs are implemented for pollutant sources at this facility:

General Site Preparation:

Temporary or permanent discharge diversions to prevent uncontaminated flows from contacting sources of pollutants are installed. Discharge diversions include: dikes, curbs, and berms. Rock outlet protection, level spreaders, stream alternation and drop structures for runoff dispersion are implemented.

Haul and Access Road Preparation:

BMPs will be implemented to divert stormwater runoff from road surfaces and minimize erosion. Examples of BMPs include: Installation of dikes, curbs, berms, and road sloping for discharge diversions. Straw bale barriers, sediment traps/catch basins, and vegetated buffer strips for sediment control and collection are implemented. During the road and site preparations it is planned to keep as much native vegetation as possible and keep the width and grade of the road minimal and designed to match the natural contours of the area. The access roads will be placed as far as possible from natural drainage areas. The facility operator and/or the production manager will frequently inspect all stabilization and structural erosion control measures and perform all necessary maintenance and repairs.

Quarry - Excavation Activities:

Berms are installed for discharge diversions and serrated and contoured slopes and stream alteration are built to direct uncontaminated discharges away from the pit or quarry. Straw bale barriers or silt fences are installed. Exposed soils will be kept at a minimum.

Rock/Gravel Processing Activities:

Overburden, topsoil, waste rock, raw material, or intermediate and final product stockpiles are located away from the nearby river and other sources of water, as well as geologically unstable areas. Serrated slopes, berms, and stream alteration around storage piles are implemented for sediment control and collection. In addition, erosion control blankets, compaction, silt fences, and berms are installed. Storage piles will be stabilized and recontoured, if necessary.

3.7 Salt Storage Piles or Piles Containing Salt

Not applicable at this site

3.8 MSGP Sector-Specific Non-Numeric Effluent Limits

This site's Sector-Specific effluent limits are covered under Sector J. Mine dewatering activities will not be implemented at this site.

Inspections are conducted either at least once every 7 calendar days or at least once every 14 calendar days and within 24 hours of the end of a storm event of 0.5 inches or greater. This proposed inspection frequency will be reduced to at least once every month if the entire site is temporarily stabilized or if runoff is unlikely due to winter conditions (e.g., site is covered with snow, ice, or the ground is frozen).

Inspections include all areas of the site disturbed by clearing, grading, and/or excavation activities and areas used for storage of materials that are exposed to precipitation. Sedimentation and erosion control measures implemented are observed to ensure proper operation. Discharge locations are inspected to ascertain whether erosion control measures are effective in preventing significant impacts to the nearby Canadian River. Where discharge locations are inaccessible, nearby downstream locations are inspected.

For each inspection, an inspection report or log will be created. At a minimum, the inspection report or log includes the following information:

- The inspection date and time;
- The name(s) and signature(s) of the inspector(s);
- Weather information and a description of any discharges occurring at the time of the inspection;
- Any previously unidentified discharges of pollutants from the site;
- Any control measures needing maintenance or repairs;
- Any failed control measures that need replacement;
- Any incidents of noncompliance observed; and

- Any additional control measures needed to comply with the permit requirements.

The benchmark monitoring concentration that applies to this site is 100 mg/L of total suspended solids (TSS).

3.9 Employee Training

Employee training for employees who work at this site in areas where industrial materials or activities are exposed to stormwater, or who are responsible for implementing activities necessary to meet the conditions of the MSGP, are trained at least annually. The training covers specific control measures and BMPs in place at this facility and as discussed in this SWPPP. Employees tasked with specific responsibilities are trained on monitoring, inspection, planning, reporting, and documentation requirements and procedures. Employees new to this site receive initial training prior to commencing work on-site.

3.10 Non-Stormwater Discharges

See Section 2.3 of this SWPPP. In addition, the following are non-stormwater discharges authorized under this permit that apply at this site:

- Discharges from fire-fighting activities;
- Potable water, including water line flushings;
- Uncontaminated condensate from air conditioners, coolers, and other compressors and from the outside storage of refrigerated gases or liquids;
- Irrigation drainage;
- Landscape watering provided all pesticides, herbicides, and fertilizer have been applied in accordance with the approved labeling;
- Pavement wash waters where no detergents are used and no spills or leaks of toxic or hazardous materials have occurred (unless all spilled material has been removed);
- Routine external building wash-down that does not use detergents; and
- Uncontaminated ground water or spring water.

3.11 Waste, Garbage and Floatable Debris

Employees working at this site ensure that waste, garbage, and floatable debris are not discharged into the nearby Canadian River or other receiving waters by keeping exposed areas free of such materials or by intercepting them before they are discharged. Good housekeeping techniques are discussed and implemented regularly. Common areas where good housekeeping practices are followed include but are not limited to trash containers and adjacent areas, material storage areas, vehicle and process equipment maintenance areas, and loading areas. A schedule for regular pick-up and disposal of garbage and waste materials and routine inspections of containers for leaks and structural conditions is implemented. These

practices also include containing and covering garbage, waste materials, and debris. All on-site employees are involved to ensure continued implementation of these measures.

3.12 Dust Generation and Vehicle Tracking of Industrial Materials

Implemented control measures to minimize the generation of dust and off-site tracking of raw, final, or waste materials include daily wet suppression for areas with high dust or particulate matter generation. In addition, as required by the New Mexico Environment Department's Air Quality General Construction Permit 2 (GCP-2), surfactant will be applied along a 1.5 mile stretch from the property boundary towards the site to reduce off-site tracking of particulate matter.

SECTION 4: SCHEDULES AND PROCEDURES FOR MONITORING

For each monitoring event, except snowmelt monitoring, the date and duration (in hours) of the rainfall event, rainfall total (in inches) for that rainfall event, and time (in days) since the previous measurable storm event must be identified. At least one grab sample will be taken. Samples will be collected within the first 30 minutes of a measurable storm event. If it is not possible to collect the sample within the first 30 minutes of a measurable storm event, the sample will be collected as soon as practicable after the first 30 minutes and documentation will be kept with the SWPPP explaining why it was not possible to take samples within the first 30 minutes. In the case of snowmelt, samples will be taken during a period with a measurable discharge. For snowmelt monitoring, the date of the sampling event will be identified.

In case of limited rainfall during parts of the year (e.g., arid or semi-arid climates) or in areas where freezing conditions exist that prevent runoff from occurring for extended periods, required monitoring events will be distributed during seasons when precipitation occurs, or when snowmelt results in a measurable discharge from the site. The required number of samples will still be collected. For each of the five types of monitoring as specified by the MSGP, the following applies and is implemented in the documentation:

Benchmark Monitoring:

This permit stipulates pollutant benchmark concentrations that may be applicable to this site's discharge. The benchmark concentrations are not effluent limitations; a benchmark exceedance, therefore, is not a permit violation. Benchmark monitoring data are primarily for the operator's use to determine the overall effectiveness of the implemented your control measures and to assist in knowing when additional corrective action(s) may be necessary to comply with the effluent limitations. Samples will be analyzed consistent with 40 CFR Part 136 analytical methods and using test procedures with quantitation limits at or below benchmark values for all benchmark parameters for which you are required to sample.

1. **Sample Location(s).** The two outfalls at this facility are considered substantially identical; therefore, only one sample at either outfall as shown on the Site Map in Attachment B will be collected.
2. **Pollutant Parameters to be Sampled.** The benchmark monitoring concentration that applies to this site is 100 mg/L of total suspended solids (TSS). After collection of 4 quarterly samples, if the average of the 4 monitoring values for any parameter does not exceed the benchmark, the monitoring requirements for this parameter for the permit term is fulfilled. If the average of the 4 quarterly samples exceeds the benchmark concentration, the implemented control measures will be reviewed and revised if necessary and quarterly monitoring will continue until the average does not exceed the benchmark. The benchmark monitoring does not apply if the site is unstaffed or inactive.
3. **Monitoring Schedules.** Monitoring requirements in this permit begin in the first full quarter following either April 1, 2009 or the date of discharge authorization, whichever date comes later. Quarterly monitoring (e.g., benchmark monitoring), must be monitored at least once in each of the following 3-month intervals:
 - January 1 – March 31;

- April 1 – June 30;
- July 1 – September 30; and
- October 1 – December 31.

4. Numeric Limitations. Since there will be no mine de-watering implemented at this facility, no numeric limitations are applicable and annual grab samples are not required.

5. Procedures. The Production Manager or Site Operator is in charge of collecting the quarterly samples. An accredited laboratory will be utilized for the analytical analysis following the laboratories instructions for taking the grab samples according to industry standards.

Inactive and Unstaffed sites exception

If invoking the exception for inactive and unstaffed sites for benchmark monitoring is applicable, information to support this claim will be included here or as an Attachment to this SWPPP.

Substantially identical outfall exception

The following information will be included to substantiate the claim that these outfalls are substantially identical:

- Location of each of the substantially identical outfalls: **Southwest of quarry/pit toward the Canadian River, adjacent to one another, and marked as outfall No. 1 and No. 2 on the Site Map located in Attachment B.**
- Description of the general industrial activities conducted in the drainage area of each outfall: **Rock crushing and excavation activities.**
- Description of the control measures implemented in the drainage area of each outfall: **Berms, silt fences, and other run-off management practices as discussed previously.**
- Description of the exposed materials located in the drainage area of each outfall that are likely to be significant contributors of pollutants to stormwater discharges: **Rocks and gravel.**
- An estimate of the runoff coefficient of the drainage areas (low=under 40%; medium=40 to 65%; high =above 65%): **Under 40%.**
- Why the outfalls are expected to discharge substantially identical effluents: **the outfalls can be considered substantially identical because they are adjacent from one another and subject to the same run-off.**

Effluent Limitations:

Since there will be no mine de-watering implemented at this facility, no effluent limitations are applicable and annual grab samples are not required.

State or Tribal Specific Monitoring:

No additional state or tribal specific requirements are applicable to this site.

Impaired waters Monitoring:

Not applicable at this site.

Other Applicable Monitoring as required by EPA:

Not applicable at this site at this time.

SECTION 5: INSPECTIONS

For the routine facility inspections and the comprehensive site inspections to be performed at this site, the following applies:

- The names of the person(s), or the positions of the person(s), responsible for inspection: **Mr. Tommy Medlin, Production manager or Mr. Scotty Knutson, Facility Operator/Manager.**
- The schedules to be used for conducting inspections. Include here any tentative schedule that will be used for facilities in climates with irregular stormwater runoff discharges (MSGP, Part 4.2.3): **Quarterly inspections during routine operation will be performed according to the following schedule between:**
 - **January 1 – March 31;**
 - **April 1 – June 30;**
 - **July 1 – September 30; and**
 - **October 1 – December 31.**

At least once each calendar year, the routine facility inspection should be conducted during a period when a stormwater discharge is occurring.

- Specific areas of the facility to be inspected, including schedules for specific outfalls: **Quarterly inspections shall be performed for the entire facility (quarry, crushing/screening plant, truck loading, storage piles, and haul roads.**

For the quarterly visual assessments to be performed at your site, include a description of the following:

- The names of the person(s), or the positions of the person(s), responsible for inspection: **Mr. Tommy Medlin, Production manager or Mr. Scotty Knutson, Facility Operator/Manager.**
- The schedules to be used for conducting inspections. Include here any tentative schedule that will be used for facilities in climates with irregular stormwater runoff discharges (MSGP, Part 4.2.3): **Quarterly inspections during routine operation will be performed according to the following schedule between:**
 - **January 1 – March 31;**
 - **April 1 – June 30;**
 - **July 1 – September 30; and**
 - **October 1 – December 31.**

Quarterly visual assessments may be distributed during seasons when precipitation runoff occurs (in case of arid or semi-arid climate).

- Specific areas of the facility to be inspected, including schedules for specific outfalls: **Quarterly visual assessments shall be performed at either of the two runoff outlets as identified on the Site Map located in Attachment B.**

The visual assessment must be made:

Of a sample in a clean, clear glass, or plastic container, and examined in a well-lit area, collected within the first 30 minutes of an actual discharge from a storm event. If it is not possible to collect the sample within the first 30 minutes of discharge, the sample must be collected as soon as practicable after the first 30 minutes and it must document why it was not possible to take samples within the first 30 minutes. In the case of snowmelt, samples must be taken during a period with a measurable discharge from the site.

For storm events on discharges that occur at least 72 hours (3 days) from the previous discharge. The 72-hour (3-day) storm interval does not apply if it is documented that less than a 72-hour (3-day) interval is representative for local storm events during the sampling period.

Samples will be visually inspected for the following water quality characteristics:

- Color;
- Odor;
- Clarity;
- Floating solids;
- Settled solids;
- Suspended solids;
- Foam;
- Oil sheen; and
- Other obvious indicators of stormwater pollution.

The results of visual assessments must be documented and maintained onsite with this SWPPP. The visual assessment findings do not need to be submitted to the EPA, unless specifically requested to do so. At a minimum, the documentation of the visual assessment will include:

- Sample location(s)
- Sample collection date and time, and visual assessment date and time for each sample;
- Personnel collecting the sample and performing visual assessment, and their signatures;
- Nature of the discharge (i.e., runoff or snowmelt);
- Results of observations of the stormwater discharge;
- Probable sources of any observed stormwater contamination,
- If applicable, why it was not possible to take samples within the first 30 minutes.

Inactive and Unstaffed sites exception

For an inactive and an unstaffed site routine facility inspections and quarterly visual assessments, information to support this claim will be included in this SWPPP.

Forms and Documentation:

Attachments C and D include sample routine facility inspection and quarterly visual assessment recordkeeping requirements and forms.

SECTION 6: DOCUMENTATION TO SUPPORT ELIGIBILITY CONSIDERATIONS UNDER OTHER FEDERAL LAWS

6.1 Documentation Regarding Endangered Species.

No federally-listed threatened or endangered species or their designated critical habitat occur in the “action area”. According to the United States Fish and Wildlife Service, New Mexico Ecological Services Field Office in Albuquerque, NM, there is no site-specific information in the “action area” available. A general species list letter from the Fish and Wildlife Service is located in Attachment E.

6.2 Documentation Regarding Historic Properties

Discharge-related activities (i.e., construction and/or installation of stormwater control measures that involve subsurface disturbance) do not affect historic properties at this site.

6.3 Documentation Regarding NEPA Review (if applicable)

Not applicable at this site. Also see NMED’s Air Quality Division GCP-2 authorization.

SECTION 7: SWPPP CERTIFICATION

The following certification statement must be signed and dated by a person who meets these requirements:

For a corporation: By a responsible corporate officer. For the purpose of this subsection, a responsible corporate officer means: (i) a president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy- or decision-making functions for the corporation, or (ii) the manager of one or more manufacturing, production, or operating facilities, provided, the manager is authorized to make management decisions which govern the operation of the regulated facility including having the explicit or implicit duty of making major capital investment recommendations, and initiating and directing other comprehensive measures to assure long term environmental compliance with environmental laws and regulations; the manager can ensure that the necessary systems are established or actions taken to gather complete and accurate information for permit application requirements; and where authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures.

For a partnership or sole proprietorship: By a general partner or the proprietor, respectively

Note: This certification must be re-signed in the event of a SWPPP modification in response to a Part 3.1 trigger for corrective action.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Name: Scotty Kuntson Title: Managing partner
 Signature: [Signature] Date: 2-27-09

SECTION 8: SWPPP MODIFICATIONS

This SWPPP is a “living” document and is required to be modified and updated, as necessary, in response to corrective actions.

- If you need to modify the SWPPP in response to a corrective action required by Part 3.1, then the Section 7 certification statement must be re-signed.
- For any other SWPPP modification, you should keep a log with a description of the modification, the name of the person making it, and the date and signature of that person.

Insert log here or reference Attachment.

SWPPP ATTACHMENTS

Attach the following documentation to the SWPPP:

Attachment A – General Location Map

Attachment B – Site Map

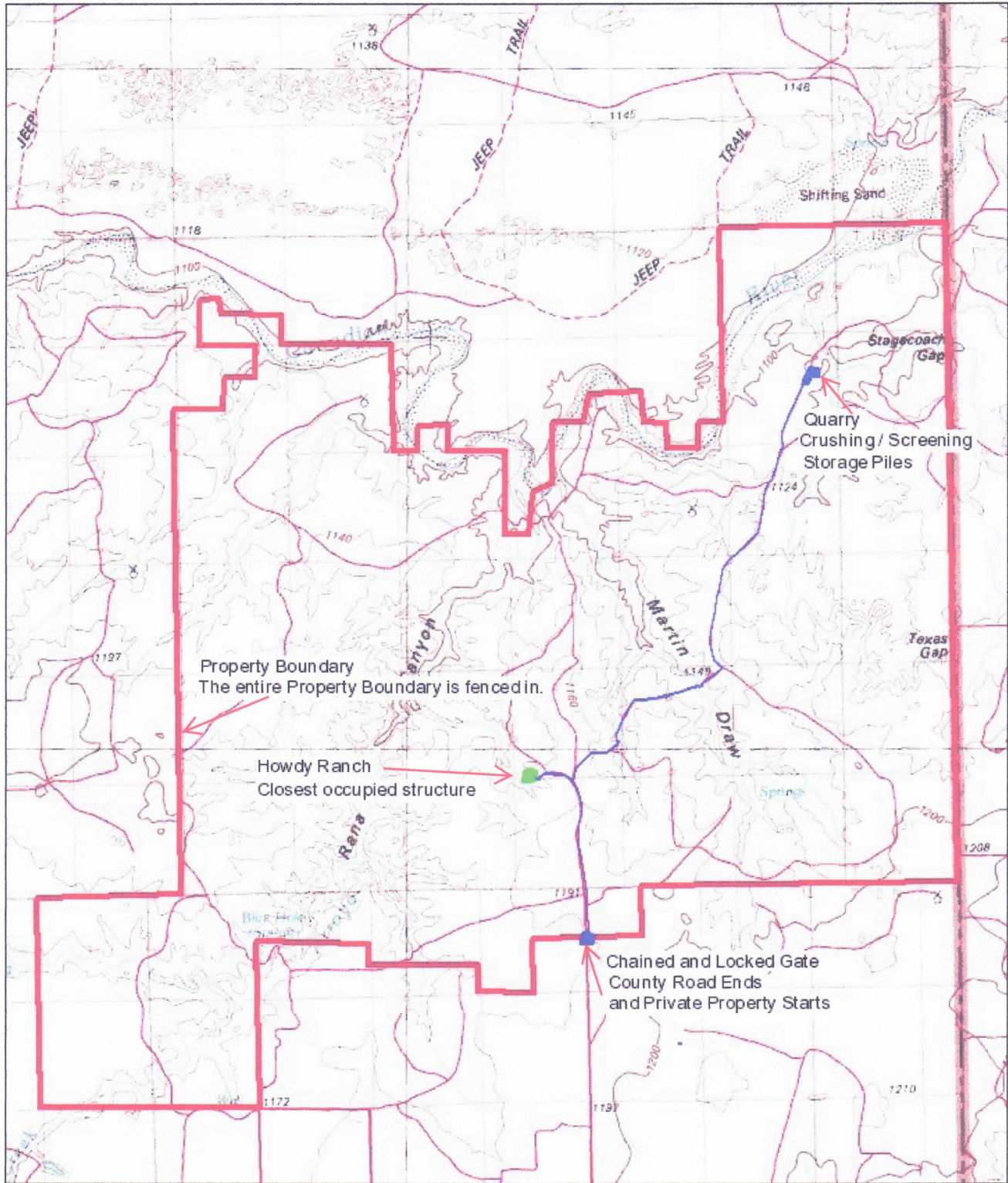
Attachment C – Recordkeeping and Reports Template

Attachment D – Annual Reporting Form

Attachment E – Letter from The US Fish and Wildlife Service NM Field Office

Attachment A

General Location Map



Source:
 USGS 7.5-minute topo map
 Blue Hole, NM Quadrangle.
 Cammak, NM Quadrangle.
 Martin Draw, NM Quadrangle.
 Sanchez Springs, NM Quadrangle.



6800 VATAPA RD.
 RIO RANCHO, NM 87144
 PH: (505) 205-4819
 FAX: (505) 771-0793

Scale: As
 Shown

Drawn By: MRS
 Date: 2/20/2009

Title: **Attachment A: USGS Area Map**

Project: **Richardson Pit
 SWPPP
 Quay County, NM**

Client: **Advanced Pavement Maintenance, LTD**

Project No.: **028-002**

File Name: **Area Map SWPPP**

Attachment B

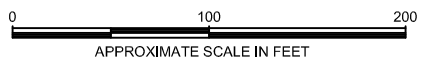
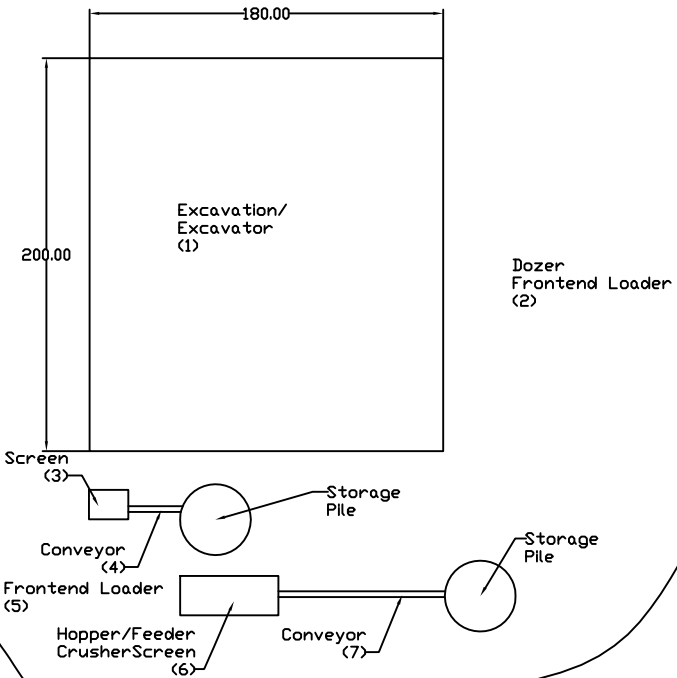
Site Map




Berms and Silt Fences

Outfall No. 1

Outfall No. 2



 6800 VATAPA RD RIO RANCHO, NM 87144 PH: (505) 205-4819 FAX: (505) 771-0793			Title: Attachment B: Site Map		
			Project: Richardson Pit SWPPP		
Client: Advanced Pavement Maintenance, LTD			Project No.:		
Scale: As Shown			Drawn by: SSF		Date: 2/16/09
Chk'd by:			Date:		File Name: Site Map
			Date:		FIGURE:
			028-002		

Attachment C

Recordkeeping and Reports Templates

Additional MSGP Documentation Template

Introduction

After you become permitted under the 2008 MSGP, you are required to keep certain minimum records (or documentation) as part of the implementation of your permit responsibilities. As required in Part 5.4 of the 2008 MSGP, these records must be kept in the same place your SWPPP (which you completed prior to submitting your NOI to be covered) is kept. This “Additional MSGP Documentation Template” (or “Template”) will assist you in complying with this requirement.

Using the Additional MSGP Documentation Template

Tips for using the Template:

- **This Template is designed for use by all facilities permitted under the 2008 MSGP. The Template is NOT tailored to your individual industrial sector. Depending on which industrial sector(s) you fall under (see Appendix D of the 2008 MSGP) and where your facility is located (see Appendix C of the 2008 MSGP), you will need to address any additional documentation requirements outlined in Part 8 and/or Part 9 of the permit, respectively.**
- **Each section of the template includes “instructions” and space for your facility’s specific information. You should read the instructions before you complete each section. The text you will need to complete is generally indicated through the use of blue form fields (e.g., “Insert Facility Name”). Click on the form field and your text will replace the instructional text.**
- **The Template was developed in *Microsoft Word* so that you can easily add tables and additional text.**
- **Because many of the activities you are required to document occur throughout the permit term, you will need to continually modify and add records to this Template. You may wish to create separate electronic files for each category of documentation (e.g., files for monitoring, employee training, etc.) so that they can be easily modified.**
- **The records you create using this Template must be kept in the same location as your SWPPP.**

EPA notes that while EPA has made every effort to ensure the accuracy of all instructions and guidance contained in the Template, the actual obligations of regulated industrial facilities are determined by the relevant provisions of the permit, not by the Template. In the event of a conflict between the Template and any corresponding provision of the MSGP, the permit provisions establish your actual requirements. EPA welcomes comments on the Template at any time and will consider those comments in any future revision of this document.

Additional MSGP Documentation

For:

Advanced Pavement Maintenance, LTD
Richardson Pit
27 Miles North-East of San Jon, NM, 88434
(806) 371-7283
Permit Tracking No. XXXX

Instructions:

- Keep the following inspection, monitoring, and certification records in the same location that you keep your SWPPP:
 - A copy of the NOI submitted to EPA along with any correspondence exchanged between you and EPA specific to coverage under this permit (you should already have this);
 - A copy of the acknowledgment letter you received from the NOI Processing Center or eNOI system assigning your permit tracking number (you should already have this);
 - A copy of 2008 MSGP (you can provide an electronic copy);
 - Descriptions and dates of any incidences of significant spills, leaks, or other releases;
 - Records of employee training;
 - Documentation of maintenance and repairs of control measures;
 - All inspection reports;
 - Description of any deviations from the schedule for visual assessments and/or monitoring;
 - Description of any corrective action taken at your site;
 - Documentation of any benchmark exceedances and how they were responded to;
 - Documentation to support any determination that pollutants of concern are not expected to be present above natural background levels, and that such pollutants were not detected in your discharge or were solely attributable to natural background sources; and
 - Documentation to support your claim that your facility has changed its status from active to inactive and unstaffed.

- With the exception of the first 3 items, these are records that you will be updating throughout the permit term.

- Follow the instructions in Sections A through M of this template to keep your records complete.

Contents

A. Significant spills, leaks or other releases	1
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A. Significant spills, leaks or other releases

Instructions:

- Include the descriptions and dates of any incidences of significant spills, leaks, or other releases that resulted in discharges of pollutants to waters of the U.S., through stormwater or otherwise; the circumstances leading to the release and actions taken in response to the release; and measures taken to prevent the recurrence of such releases (see Part 2.1.2.4 of the 2008 MSGP).
- Provide information, as shown below, for each incident, and attach additional documentation (e.g., photos, spill cleanup records) as necessary. Repeat as necessary by copying and pasting the fields below.

Date of incident: [Insert Date of Incident](#)

Location of incident: [Insert Location of Incident](#)

Description of incident: [Insert Description of Incident](#)

Circumstances leading to release: [Describe circumstances leading to release](#)

Actions taken in response to release: [Describe actions taken in response to release](#)

Measures taken to prevent recurrence: [Describe measures taken to prevent recurrence](#)

Date of incident: [Insert Date of Incident](#)

Location of incident: [Insert Location of Incident](#)

Description of incident: [Insert Description of Incident](#)

Circumstances leading to release: [Describe circumstances leading to release](#)

Actions taken in response to release: [Describe actions taken in response to release](#)

Measures taken to prevent recurrence: [Describe measures taken to prevent recurrence](#)

Date of incident: [Insert Date of Incident](#)

Location of incident: [Insert Location of Incident](#)

Description of incident: [Insert Description of Incident](#)

Circumstances leading to release: [Describe circumstances leading to release](#)

Actions taken in response to release: [Describe actions taken in response to release](#)

Measures taken to prevent recurrence: [Describe measures taken to prevent recurrence](#)

Date of incident: [Insert Date of Incident](#)

Location of incident: [Insert Location of Incident](#)

Description of incident: [Insert Description of Incident](#)

Circumstances leading to release: [Describe circumstances leading to release](#)

Actions taken in response to release: [Describe actions taken in response to release](#)

Measures taken to prevent recurrence: [Describe measures taken to prevent recurrence](#)

B. Employee training

<p>Instructions:</p> <ul style="list-style-type: none"> – Keep records of employee training, including the date of the training (see Part 2.1.2.9 of the 2008 MSGP). – For in-person training, consider using the tables below to document your employee trainings. For computer-based or other types of training, keep similar records on who was trained and the type of training conducted.

Training Date: Insert Date of Training	
Training Description: Insert Description of Training	
Trainer: Insert Trainer(s) names	
Employee(s) trained	Employee signature
Insert Name	
Insert Name	
Insert Name	
Insert Name	
Insert Name	
Insert Name	

Training Date: Insert Date of Training	
Training Description: Insert Description of Training	
Trainer: Insert Trainer(s) names	
Employee(s) trained	Employee signature
Insert Name	
Insert Name	
Insert Name	
Insert Name	
Insert Name	
Insert Name	

Training Date: Insert Date of Training	
Training Description: Insert Description of Training	
Trainer: Insert Trainer(s) names	
Employee(s) trained	Employee signature
Insert Name	
Insert Name	
Insert Name	
Insert Name	
Insert Name	
Insert Name	

C. Maintenance

Instructions:

- Include in your records documentation of maintenance and repairs of control measures and industrial equipment, including:
 - the control measure/equipment maintained,
 - date(s) of regular maintenance,
 - date(s) of discovery of areas in need of repair/replacement, and for repairs,
 - date(s) that the control measure/equipment was returned to full function, and
 - the justification for any extended maintenance/repair schedules (see Part 2.1.2.3 of the 2008 MSGP).

- Provide information, as shown below, to document your maintenance activities for each control measure and industrial equipment. Repeat as necessary by copying and pasting the information below for additional control measures.

Control Measure Maintenance Records (copy information below for each control measure)

Control Measure: [Insert Name of Control Measure](#)

Regular Maintenance Activities: [Describe maintenance activities](#)

Regular Maintenance Schedule: [Insert Maintenance Schedule](#)

Date of Action: [Insert Date of Action](#)

Reason for Action: **Regular Maintenance** **Discovery of Problem**

If Problem,

- **Description of Action Required:** [Describe actions taken in response to problem](#)

- **Date Control Measure Returned to Full Function:** [Insert Date](#)

- **Justification for Extended Schedule, if applicable:** [Insert Justification \(if applicable\)](#)

Notes: [Insert Notes \(if applicable\)](#)

Industrial Equipment and Systems Maintenance Records (copy information below for each industrial equipment/system)

Industrial Equipment/Systems: Insert Name of Industrial Equipment/System

Regular Maintenance Activities: Describe maintenance activities

Regular Maintenance Schedule: Insert Maintenance Schedule

Date of Action: Insert Date of Action

Reason for Action: Regular Maintenance Discovery of Problem
If Problem,

- **Description of Action Required:** Describe actions taken in response to problem

- **Date Industrial Equipment Returned to Full Function:** Insert Date

- **Justification for Extended Schedule, if applicable:** Insert Justification (if applicable)

Notes: Insert Notes (if applicable)

D. Routine Facility Inspection Reports

Instructions:

- Include in your records copies of all routine facility inspection reports completed for the facility.
- The sample inspection report is consistent with the requirements in Parts 4.1 of the 2008 MSGP relating to routine facility inspections. Facilities subject to State industrial stormwater permits may also find this form useful. **If your permitting authority provides you with an inspection report, use that form.**

Using the Sample Routine Facility Inspection Report

- This inspection report is designed to be customized according to the specific control measures and activities at your facility. For ease of use, you should take a copy of your site plan and number all of the stormwater control measures and areas of industrial activity that will be inspected. A brief description of the control measures and areas that were inspected should then be listed in the site-specific section of the inspection report.
- You can complete the items in the “General Information” section that will remain constant, such as the facility name, NPDES tracking number, and inspector (if you only use one inspector). Print out multiple copies of this customized inspection report to use during your inspections.
- When conducting the inspection, walk the site by following your site map and numbered control measures/areas of industrial activity to be inspected. Also note whether the “Areas of Industrial Materials or Activities exposed to stormwater” have been addressed (customize this list according to the conditions at your facility). Note any required corrective actions and the date and responsible person for the correction.

Stormwater Industrial Routine Facility Inspection Report

General Information			
Facility Name	Insert Name		
NPDES Tracking No.	Insert Tracking No.		
Date of Inspection	Insert Date	Start/End Time	Insert Start/End Time
Inspector's Name(s)	Insert Name		
Inspector's Title(s)	Insert Title		
Inspector's Contact Information	Insert Contact Info		
Inspector's Qualifications	Insert qualifications or add reference to the SWPPP		
Weather Information			
Weather at time of this inspection? <input type="checkbox"/> Clear <input type="checkbox"/> Cloudy <input type="checkbox"/> Rain <input type="checkbox"/> Sleet <input type="checkbox"/> Fog <input type="checkbox"/> Snow <input type="checkbox"/> High Winds <input type="checkbox"/> Other: _____ Temperature: _____			
Have any previously unidentified discharges of pollutants occurred since the last inspection? <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, describe: Describe			
Are there any discharges occurring at the time of inspection? <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, describe: Describe			

Control Measures

- Number the structural stormwater control measures identified in your SWPPP on your site map and list them below (add as many control measures as are implemented on-site). Carry a copy of the numbered site map with you during your inspections. This list will ensure that you are inspecting all required control measures at your facility.
- Describe corrective actions initiated, date completed, and note the person that completed the work in the Corrective Action Log.

	Structural Control Measure	Control Measure is Operating Effectively?	If No, In Need of Maintenance, Repair, or Replacement?	Corrective Action Needed and Notes (identify needed maintenance and repairs, or any failed control measures that need replacement)
1	Insert Control Measure Name	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	Describe Corrective Actions
2	Insert Control Measure Name	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	Describe Corrective Actions
3	Insert Control Measure Name	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	Describe Corrective Actions
4	Insert Control Measure Name	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	Describe Corrective Actions
5	Insert Control Measure Name	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	Describe Corrective Actions
6	Insert Control Measure Name	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	Describe Corrective Actions
7	Insert Control Measure Name	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	Describe Corrective Actions
8	Insert Control Measure Name	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	Describe Corrective Actions

	Structural Control Measure	Control Measure is Operating Effectively?	If No, In Need of Maintenance, Repair, or Replacement?	Corrective Action Needed and Notes (identify needed maintenance and repairs, or any failed control measures that need replacement)
9	Insert Control Measure Name	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	Describe Corrective Actions
10	Insert Control Measure Name	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	Describe Corrective Actions

Areas of Industrial Materials or Activities exposed to stormwater

Below are some general areas that should be assessed during routine inspections. Customize this list as needed for the specific types of industrial materials or activities at your facility.

	Area/Activity	Inspected?	Controls Adequate (appropriate, effective, and operating)?	Corrective Action Needed and Notes
1	Material loading/unloading and storage areas	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<input type="checkbox"/> Yes <input type="checkbox"/> No	Describe Corrective Actions
2	Equipment operations and maintenance areas	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<input type="checkbox"/> Yes <input type="checkbox"/> No	Describe Corrective Actions
3	Fueling areas	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<input type="checkbox"/> Yes <input type="checkbox"/> No	Describe Corrective Actions
4	Outdoor vehicle and equipment washing areas	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<input type="checkbox"/> Yes <input type="checkbox"/> No	Describe Corrective Actions
5	Waste handling and disposal areas	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<input type="checkbox"/> Yes <input type="checkbox"/> No	Describe Corrective Actions
6	Erodible areas/construction	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<input type="checkbox"/> Yes <input type="checkbox"/> No	Describe Corrective Actions
7	Non-stormwater/ illicit connections	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<input type="checkbox"/> Yes <input type="checkbox"/> No	Describe Corrective Actions
8	Salt storage piles or pile containing salt	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<input type="checkbox"/> Yes <input type="checkbox"/> No	Describe Corrective Actions
9	Dust generation and vehicle tracking	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<input type="checkbox"/> Yes <input type="checkbox"/> No	Describe Corrective Actions
10	(Other)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<input type="checkbox"/> Yes <input type="checkbox"/> No	Describe Corrective Actions
11	(Other)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<input type="checkbox"/> Yes <input type="checkbox"/> No	Describe Corrective Actions
12	(Other)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<input type="checkbox"/> Yes <input type="checkbox"/> No	Describe Corrective Actions

Non-Compliance

Describe any incidents of non-compliance observed and not described above:

[Describe Non-compliance](#)

Additional Control Measures

Describe any additional control measures needed to comply with the permit requirements:

[Describe Additional Controls Needed](#)

Notes

Use this space for any additional notes or observations from the inspection:

[Additional Notes](#)

CERTIFICATION STATEMENT

“I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.”

Print name and title: _____

Signature: _____ **Date:** _____

E. Quarterly Visual Assessment Reports

Instructions:

- Include in your records copies of all quarterly visual assessment reports completed for the facility. An example quarterly visual assessment report can be found on the following page.

MSGP Quarterly Visual Assessment Form

(Complete a separate form for each outfall you assess)

Name of Facility: Name of Facility

NPDES Tracking No. Insert Tracking No.

Outfall Name: Name "Substantially Identical Outfall"? No Yes (identify substantially identical outfalls):

Person(s)/Title(s) collecting sample: Name/Title

Person(s)/Title(s) examining sample: Name/Title

Date & Time Discharge Began:

Date & Time Sample Collected:

Date & Time Sample Examined:

Enter date and time

Enter date and time

Enter date and time

Substitute Sample? No Yes (identify quarter/year when sample was originally scheduled to be collected):

Nature of Discharge: Rainfall Snowmelt

If rainfall: Rainfall Amount: No of inches inches Previous Storm Ended > 72 hours Before Start of This Storm? Yes No* (explain):

Parameter

Color None Other (describe):

Odor None Musty Sewage Sulfur Sour Petroleum/Gas _____
 Solvents Other (describe):

Clarity Clear Slightly Cloudy Cloudy Opaque Other

Floating Solids No Yes (describe):

Settled Solids** No Yes (describe):

Suspended Solids No Yes (describe):

Foam (gently shake sample) No Yes (describe):

Oil Sheen None Flecks Globs Sheen Slick
 Other (describe):

Other Obvious Indicators of Stormwater Pollution No Yes (describe):

* The 72-hour interval can be waived when the previous storm did not yield a measurable discharge or if you are able to document (attach applicable documentation) that less than a 72-hour interval is representative of local storm events during the sampling period.

** Observe for settled solids after allowing the sample to sit for approximately one-half hour.

Detail any concerns, additional comments, descriptions of pictures taken, and any corrective actions taken below (attach additional sheets as necessary). Insert details

Certification by Facility Responsible Official (Refer to MSGP Subpart 11 Appendix B for Signatory Requirements)

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

A. Name:

B. Title:

C. Signature:

D. Date Signed:

F. Comprehensive Site Inspection Reports

Instructions:

- Include in your records copies of all comprehensive site inspection reports completed for the facility. Copies of the comprehensive site inspection report form (also called the Annual Reporting Form) can be obtained at http://www.epa.gov/npdes/pubs/msgp2008_appendixi.pdf
- For corrective actions, complete part D (Corrective Actions) of the Annual Reporting Form.

G. Monitoring results

Instructions:

- Include in your records copies of all monitoring results (including benchmarks, effluent limits, and other monitoring conducted) for the facility. Also include copies of MSGP Industrial Discharge Monitoring Reports (DMRs) submitted to EPA, or copies of monitoring data submitted to EPA's eNOI reporting system.

H. Deviations from assessment or monitoring schedule

Instructions:

Include in your records:

- A description of any deviations from the schedule you provided in your SWPPP for visual assessments and/or monitoring, and
- The reason for the deviations (e.g., adverse weather or it was impracticable to collect samples within the first 30 minutes of a measurable storm event) (see Parts 4.2.1, 6.1.4, and 6.2.1.2 of the 2008 MSGP).

Use the fields below to document the deviations. Repeat as necessary for any deviations.

Date: [Insert Date](#)

Visual assessments Monitoring

Describe deviation from schedule: [Describe deviation](#)

Reason for deviation: [Describe reason](#)

Date: [Insert Date](#)

Visual assessments Monitoring

Describe deviation from schedule: [Describe deviation](#)

Reason for deviation: [Describe reason](#)

Date: [Insert Date](#)

Visual assessments Monitoring

Describe deviation from schedule: [Describe deviation](#)

Reason for deviation: [Describe reason](#)

Date: [Insert Date](#)

Visual assessments Monitoring

Describe deviation from schedule: [Describe deviation](#)

Reason for deviation: [Describe reason](#)

I. Benchmark Exceedances

Instructions:

Include in your records documentation of any benchmark exceedances and how they were responded to, including either:

- (1) corrective action taken,
- (2) a finding that the exceedance was due to natural background pollutant levels, or
- (3) a finding that no further pollutant reductions were technologically available and economically practicable and achievable in light of best industry practice consistent with Part 6.2.1.2 of the 2008 MSGP.

Date: [Insert Date](#)

Parameter Exceeded and Results: [Insert Parameter Name](#)

Quarter 1 (Sample date: [Insert Sample Date](#) **) Result:** [Insert Sample Result](#)

Quarter 2 (Sample date: [Insert Sample Date](#) **) Result:** [Insert Sample Result](#)

Quarter 3 (Sample date: [Insert Sample Date](#) **) Result:** [Insert Sample Result](#)

Quarter 4 (Sample date: [Insert Sample Date](#) **) Result:** [Insert Sample Result](#)

Average Result: [Insert Value](#)

Benchmark Value: [Insert Benchmark Value from 2008 MSGP](#)

Document how benchmark exceedance(s) responded to:

Corrective action taken

Parameter(s): [Insert Parameter](#)

Complete Part D (corrective actions) of the Annual Report Form (see section F of the Additional MSGP Documentation).

Finding that the exceedance was due to natural background pollutant levels

Parameter(s): [Insert Parameter](#)

Attach the following documentation:

- An explanation of why you believe that the presence of the pollutant causing the impairment in your discharge is not related to the activities at your facility; and
- Data and/or studies that tie the presence of the pollutant causing the impairment in your discharge to natural background sources in the watershed.

Finding that no further pollutant reductions are technologically available and economically practicable and achievable in light of best industry practice consistent with Part 6.2.1.2.

Parameter(s): [Insert Parameter](#)

Attach documentation.

J. Impaired Waters Monitoring: Documentation of Natural Background Sources or Non-Presence of Impairment Pollutant

Instructions:

This section applies only if your facility:

- Discharges directly to an impaired water without an EPA approved or established total maximum daily load (TMDL), and either your impaired waters monitoring results shows that the pollutant(s) for which the water is impaired is
 1. Not present and not expected to be present in your discharge, or
 2. Present, but you have determined its presence is caused solely by natural background sources. See Part 6.2.4.2 of the 2008 MSGP.

If # 1 applies to your facility, include here documentation that the impairment pollutant(s) was not detected in your discharge sample.

If # 2 applies to your facility, include the following documentation here:

- An explanation of why you believe that the presence of the pollutant(s) causing the impairment in your discharge is not related to the activities at your facility; and
- Data and/or studies that tie the presence of the pollutant(s) causing the impairment in your discharge to natural background sources in the watershed.

Note: You are reminded that the permit requires you to include a notification that you have met either condition # 1 or # 2 (above) in your monitoring report that you submit to EPA.

Date: [Insert Date](#)

Check one of the boxes below and complete the additional documentation:

#1 – Pollutant(s) for which the water is impaired is not present and not expected to be present in your discharge

Attach documentation that the impairment pollutant(s) was not detected in your discharge sample(s).

#2 – Pollutant(s) for which the water is impaired is present, but you have determined its presence is caused solely by natural background sources.

Attach the following documentation:

- An explanation of why you believe that the presence of the pollutant(s) causing the impairment in your discharge is not related to the activities at your facility; and
- Data and/or studies that tie the presence of the pollutant(s) causing the impairment in your discharge to natural background sources in the watershed.

K. Active/Inactive status change

Instructions:

If your facility changes its status from active to inactive and unstaffed (or from inactive/unstaffed to active), include documentation in this section to support your claim.

Date: [Insert Date of Change in Status](#)

New Facility Status: Inactive and Unstaffed Active

Reason for change in status: [Describe reason](#)

L. SWPPP Amendment Log

Instructions:

Include in your records:

- A log of the date and description of any amendments to your SWPPP.

Fill in the appropriate columns of this table for each amendment to your SWPPP. Copy and paste additional rows into the table as necessary.

Amend. No.	Description of the Amendment	Date of Amendment	Amendment Prepared by [Name(s) and Title]
1	Insert description of amendment	Insert date	Insert name/title
2	Insert description of amendment	Insert date	Insert name/title
3	Insert description of amendment	Insert date	Insert name/title
4	Insert description of amendment	Insert date	Insert name/title
5	Insert description of amendment	Insert date	Insert name/title
6	Insert description of amendment	Insert date	Insert name/title
7	Insert description of amendment	Insert date	Insert name/title
8	Insert description of amendment	Insert date	Insert name/title
9	Insert description of amendment	Insert date	Insert name/title
10	Insert description of amendment	Insert date	Insert name/title
11	Insert description of amendment	Insert date	Insert name/title

M. Miscellaneous Documentation

Instructions:

Use this section to keep records of any additional documentation that relates to your compliance with the permit.

Attachment D

Annual Reporting Form

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--



Annual Reporting Form

A. GENERAL INFORMATION

1. Facility Name:

2. NPDES Permit Tracking No.:

3. Facility Physical Address:

a. Street:

b. City: c. State: d. Zip Code: -

4. Lead Inspectors Name: Title:

Additional Inspectors Name(s):

5. Contact Person: Title:

Phone: - - Ext. E-mail:

6. Inspection Date: / /

B. GENERAL INSPECTION FINDINGS

1. As part of this comprehensive site inspection, did you inspect all potential pollutant sources, including areas where industrial activity may be exposed to stormwater?

YES NO

If NO, describe why not:

NOTE: Complete Section C of this form for each industrial activity area inspected and included in your SWPPP or as newly identified in B.2 or B.3 below where pollutants may be exposed to stormwater.

2. Did this inspection identify any stormwater or non-stormwater outfalls not previously identified in your SWPPP? YES NO

If YES, for each location, describe the sources of those stormwater and non-stormwater discharges and any associated control measures in place:

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3. Did this inspection identify any sources of stormwater or non-stormwater discharges not previously identified in your SWPPP? YES NO

If YES, describe these sources of stormwater or non-stormwater pollutants expected to be present in these discharges, and any control measures in place:

4. Did you review stormwater monitoring data as part of this inspection to identify potential pollutant hot spots? YES NO NA, no monitoring performed

If YES, summarize the findings of that review and describe any additional inspection activities resulting from this review:

5. Describe any evidence of pollutants entering the drainage system or discharging to surface waters, and the condition of and around outfalls, including flow dissipation measures to prevent scouring:

6. Have you taken or do you plan to take any corrective actions, as specified in Part 3 of the permit, since your last annual report submission (or since you received authorization to discharge under this permit if this is your first annual report), including any corrective actions identified as a result of this annual comprehensive site inspection?

YES NO

If YES, how many conditions requiring review for correction action as specified in Parts 3.1 and 3.2 were addressed by these corrective actions?

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NOTE: Complete the attached Corrective Action Form (Section D) for each condition identified, including any conditions identified as a result of this comprehensive stormwater inspection.

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C. INDUSTRIAL ACTIVITY AREA SPECIFIC FINDINGS

Complete one block for each industrial activity area where pollutants may be exposed to stormwater. Copy this page for additional industrial activity areas.

In reviewing each area, you should consider:

- Industrial materials, residue, or trash that may have or could come into contact with stormwater;
- Leaks or spills from industrial equipment, drums, tanks, and other containers;
- Offsite tracking of industrial or waste materials from areas of no exposure to exposed areas; and
- Tracking or blowing of raw, final, or waste materials from areas of no exposure to exposed areas.

INDUSTRIAL ACTIVITY AREA _____:

1. Brief Description:

2. Are any control measures in need of maintenance or repair? YES NO

3. Have any control measures failed and require replacement? YES NO

4. Are any additional/revised control measures necessary in this area? YES NO

If YES to any of these three questions, provide a description of the problem: (Any necessary corrective actions should be described on the attached Corrective Action Form)

INDUSTRIAL ACTIVITY AREA _____:

1. Brief Description:

2. Are any control measures in need of maintenance or repair? YES NO

3. Have any control measures failed and require replacement? YES NO

4. Are any additional/revised c necessary in this area? YES NO

If YES to any of these three questions, provide a description of the problem: (Any necessary corrective actions should be described on the attached Corrective Action Form)

INDUSTRIAL ACTIVITY AREA _____:

Brief Description:

2. Are any control measures in need of maintenance or repair? YES NO

3. Have any control measures failed and require replacement? YES NO

4. Are any additional/revised BMPs necessary in this area? YES NO

If YES to any of these three questions, provide a description of the problem: (Any necessary corrective actions should be described on the attached Corrective Action Form)

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NOTE: Copy this page and attach additional pages as necessary

INDUSTRIAL ACTIVITY AREA _____:

1. Brief Description:

2. Are any control measures in need of maintenance or repair? YES NO

3. Have any control measures failed and require replacement? YES NO

4. Are any additional/revised BMPs necessary in this area? YES NO

If YES to any of these three questions, provide a description of the problem: (Any necessary corrective actions should be described on the attached Corrective Action Form)

INDUSTRIAL ACTIVITY AREA _____:

1. Brief Description:

2. Are any control measures in need of maintenance or repair? YES NO

3. Have any control measures failed and require replacement? YES NO

4. Are any additional/revised BMPs necessary in this area? YES NO

If YES to any of these three questions, provide a description of the problem: (Any necessary corrective actions should be described on the attached Corrective Action Form)

INDUSTRIAL ACTIVITY AREA _____:

1. Brief Description:

2. Are any control measures in need of maintenance or repair? YES NO

3. Have any control measures failed and require replacement? YES NO

4. Are any additional/revised BMPs necessary in this area? YES NO

If YES to any of these three questions, provide a description of the problem: (Any necessary corrective actions should be described on the attached Corrective Action Form)

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D. CORRECTIVE ACTIONS

Complete this page for each specific condition requiring a corrective action or a review determining that no corrective action is needed. Copy this page for additional corrective actions or reviews.

Include both corrective actions that have been initiated or completed since the last annual report, and future corrective actions needed to address problems identified in this comprehensive stormwater inspection. Include an update on any outstanding corrective actions that had not been completed at the time of your previous annual report.

1. Corrective Action # of for this reporting period.

2. Is this corrective action:

- An update on a corrective action from a previous annual report; or
- A new corrective action?

3. Identify the condition(s) triggering the need for this review:

- Unauthorized release or discharge
- Numeric effluent limitation exceedance
- Control measures inadequate to meet applicable water quality standards
- Control measures inadequate to meet non-numeric effluent limitations
- Control measures not properly operated or maintained
- Change in facility operations necessitated change in control measures
- Average benchmark value exceedance
- Other (describe): _____

4. Briefly describe the nature of the problem identified:

5. Date problem identified: / /

6. How problem was identified:

- Comprehensive site inspection
- Quarterly visual assessment
- Routine facility inspection
- Benchmark monitoring
- Notification by EPA or State or local authorities
- Other (describe): _____

7. Description of corrective action(s) taken or to be taken to eliminate or further investigate the problem (e.g., describe modifications or repairs to control measures, analyses to be conducted, etc.) or if no modifications are needed, basis for that determination:

8. Did/will this corrective action require modification of your SWPPP? YES NO

9. Date corrective action initiated: / /

10. Date correction action completed: / / or expected to be completed: / /

11. If corrective action not yet completed, provide the status of corrective action at the time of the comprehensive site inspection and describe any remaining steps (including timeframes associated with each step) necessary to complete corrective action:

E. ANNUAL REPORT CERTIFICATION

1. Compliance Certification

Do you certify that your annual inspection has met the requirements of Part 4.2 of the permit, and that, based upon the results of this inspection, to the best of your knowledge, you are in compliance with the permit? YES NO

If NO, summarize why you are not in compliance with the permit:

2. Annual Report Certification

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Authorized Representative
Printed Name:

| | | | | | | | | | | | | | | | | | | | | |

Title:

| | | | | | | | | | | | | | | | | | | | | |

Signature: _____

Date Signed: _____

Attachment E

Letter from The US Fish and Wildlife Service

NM Field Office



United States Department of the Interior

FISH AND WILDLIFE SERVICE

New Mexico Ecological Services Field Office
2105 Osuna NE
Albuquerque, New Mexico 87113
Phone: (505) 346-2525 Fax: (505) 346-2542

Thank you for your recent request for information on threatened or endangered species or important wildlife habitats that may occur in your project area. The New Mexico Ecological Services Field Office has posted lists of the endangered, threatened, proposed, candidate and species of concern occurring in all New Mexico Counties on the Internet. Please refer to the following web page for species information in the county where your project occurs: http://www.fws.gov/southwest/es/newmexico/SBC_intro.cfm. If you do not have access to the Internet or have difficulty obtaining a list, please contact our office and we will mail or fax you a list as soon as possible.

After opening the web page, find New Mexico Listed and Sensitive Species Lists on the main page and click on the county of interest. Your project area may not necessarily include all or any of these species. This information should assist you in determining which species may or may not occur within your project area.

Under the Endangered Species Act, as amended (Act), it is the responsibility of the Federal action agency or its designated representative to determine if a proposed action "may affect" endangered, threatened, or proposed species, or designated critical habitat, and if so, to consult with us further. Similarly, it is their responsibility to determine if a proposed action has no effect to endangered, threatened, or proposed species, or designated critical habitat. If your action area has suitable habitat for any of these species, we recommend that species-specific surveys be conducted during the flowering season for plants and at the appropriate time for wildlife to evaluate any possible project-related impacts. Please keep in mind that the scope of federally listed species compliance also includes any interrelated or interdependent project activities (e.g., equipment staging areas, offsite borrow material areas, or utility relocations) and any indirect or cumulative effects.

Candidates and species of concern have no legal protection under the Act and are included on the web site for planning purposes only. We monitor the status of these species. If significant declines are detected, these species could potentially be listed as endangered or threatened. Therefore, actions that may contribute to their decline should be avoided. We recommend that candidates and species of concern be included in your surveys.

Also on the web site, we have included additional wildlife-related information that should be considered if your project is a specific type. These include communication towers, power line safety for raptors, road and highway improvements and/or construction, spring developments and livestock watering facilities, wastewater facilities, and trenching operations.

Under Executive Orders 11988 and 11990, Federal agencies are required to minimize the destruction, loss, or degradation of wetlands and floodplains, and preserve and enhance their natural and beneficial values. We recommend you contact the U.S. Army Corps of Engineers for permitting requirements under section 404 of the Clean Water Act if your proposed action could impact floodplains or wetlands. These habitats should be conserved through avoidance, or mitigated to ensure no net loss of wetlands function and value.

The Migratory Bird Treaty Act (MBTA) prohibits the taking of migratory birds, nests, and eggs, except as permitted by the U.S. Fish and Wildlife Service. To minimize the likelihood of adverse impacts to all birds protected under the MBTA, we recommend construction activities occur outside the general migratory bird nesting season of March through August, or that areas proposed for construction during the nesting season be surveyed, and when occupied, avoided until nesting is complete.

We suggest you contact the New Mexico Department of Game and Fish, and the New Mexico Energy, Minerals, and Natural Resources Department, Forestry Division for information regarding fish, wildlife, and plants of State concern.

Thank you for your concern for endangered and threatened species and New Mexico's wildlife habitats. We appreciate your efforts to identify and avoid impacts to listed and sensitive species in your project area.

Sincerely,

Wally Murphy
Field Supervisor