

QUALITY ASSURANCE SURVEILLANCE PLAN (QASP)
Remedial Action at the Madison County Mines Site
Indefinite Delivery/Indefinite Quantity Contract

Activity	Performance Standard	Allowable Deviation	Surveillance Method	Amount of Incentive or Disincentive
Permits and notifications	Permits and/or notifications required are obtained in a timely manner without impacting the work schedule	No deviation is allowed	On-site surveillance by PO or COR	None
Mobilization/demobilization	Mobilization/demobilization accomplished without impacting schedule	No deviation is allowed	On-site surveillance by PO or COR	None
Compliance with regulations and PWS	Work is performed in accordance with all federal, state and local regulations and the PWS.	No deviation is allowed	On-site surveillance by PO or designee	None
Prepare Conrad tailings pile or other soil repository	Preparation of the Conrad tailings pile or any other soil repository is in compliance with the PWS	No deviation is allowed	On-site surveillance by PO or COR	None
Required plans	All required plans are acceptable with only minor revisions	No deviation is allowed	Review of plans by PO or COR	None
Recordkeeping	All records required to comply with the PWS.	No deviation is allowed	On-site surveillance by PO or COR	None
Transport and disposal	Transportation and disposal is performed in accordance with the PWS.	No deviation is allowed	On-site surveillance by PO or COR	None

Dust suppression	Dust suppression measures are implemented in accordance with the PWS.	No deviation is allowed	On-site surveillance by PO or COR	None
Handling sensitive materials	No disclosure of sensitive materials or private information occurs.	No deviation is allowed	On-site surveillance by PO or COR	None
Negative Incentive: Incomplete properties	No property left open without backfill for longer than 2 weeks from the start date of the excavation.	No deviation is allowed other than uncontrollable and unpredictable events	On-site surveillance by PO or COR	-\$10,000 per affected property will be deducted from the monthly invoice
Negative Incentive: Unrestored properties	No property left unrestored (i.e., not hydroseeded and landscaped) for longer than 3 weeks from the start of the next seeding window for properties backfilled during non-seeding windows. For properties backfilled during seeding windows, no property left unrestored during that seeding window.	No deviation is allowed other than uncontrollable events or an owner's request in writing	On-site surveillance by PO or COR	-\$10,000 per affected property will be deducted from the monthly invoice
Negative Incentive: Replacement material trucks	No lead-contaminated trucks are to be used to haul replacement material	No deviation is allowed	On-site surveillance by PO or COR	-\$7,000 per contaminated truck or per recontaminated property will be deducted from the monthly invoice
Negative Incentive: Non-contractor material	No material may be weighed for disposal or disposed of at the Conrad tailings pile other than that allowed under this contract	No deviation is allowed unless approved in advance in writing by PO	On-site surveillance by PO or COR	-\$5,000 per non-Contractor truck or pile of non-approved material by the COR will be deducted from the monthly invoice

<p>Negative Incentive: Safety violations</p>	<p>Performance is conducted in accordance with approved HASP and applicable health and safety regulations. Also, striking or severing a marked or overhead buried or overhead utility line.</p>	<p>No deviation is allowed other than uncontrollable events</p>	<p>On-site surveillance by PO or COR</p>	<p>-\$1,000 per safety violation will be deducted from the monthly invoice</p>
<p>Negative Incentive: Diesel emissions</p>	<p>Either at least 50% of diesel-powered equipment utilized on-site is retrofitted to be compliant with new emission standards or alternatively, 100% of diesel-powered equipment utilized on-site uses alternate fuels. Idle-reduction practices are utilized in both cases. A minimum of 5% of alternate fuel is required in order for the full negative incentive not to be assessed. See NOTE for disbursement information</p>	<p>50% of diesel-powered equipment retrofitted or 100% of powered equipment utilizes alternate fuel</p>	<p>On-site surveillance by PO or COR and review of monthly Diesel Emissions Report.</p>	<p>The available disincentive pool is equal to \$2,000 per month. The disincentive will be deducted from the contractor's monthly invoice. See NOTE for disbursement information</p>
<p>Incentive: EPA and property owner satisfaction</p>	<p>A minimum of 65% of property owner satisfaction surveys for completed properties are received by EPA to trigger evaluating this incentive. Weighting of 'reviews' will be EPA satisfaction (40%) and property owner surveys (60%). See NOTE.</p>	<p>No deviation is allowed</p>	<p>On-site surveillance by PO or COR; submittal of surveys</p>	<p>The available incentive pool is equal to \$50,000 per period. See NOTE for disbursement information</p>
<p>Incentive: Local spending and hiring</p>	<p>Local spending and hiring. Contractor may earn an incentive award for utilizing local resources (workers/equipment/supplies) from within Madison County and approved contiguous counties. See NOTE.</p>	<p>No deviation is allowed</p>	<p>On-site surveillance by PO or COR;</p>	<p>The available incentive pool is equal to \$50,000 per period. See NOTE for disbursement information</p>

NOTE: Financial incentives are included to promote quality work, a high degree of property owner satisfaction, and use of local labor, goods, and services. These incentives must be earned. They are NOT GUARANTEED.

Negative Incentive – Diesel emissions –

Alternate fuel - The Contractor shall identify all equipment and vehicles that will use clean or alternative fuels, such as bio-diesel, and report the amount of fuel usage on a monthly basis in the monthly report. The addition or deletion of diesel equipment shall also be included in the monthly reports. Alternate fuel is defined as biodiesel, ethanol, or natural gas. The Contractor can suggest another fuel as an alternate fuel but EPA must approve its use in writing before it will be acceptable as an alternate fuel for this incentive.

Documentation – In order to use alternate fuel and receive this incentive, the Contractor must provide to the PO with copies of the receipts of the alternate fuel from the supplier with the supplier's information on them and the amount of fuel used for that invoice period, not the amount of fuel purchased. A sample fuel tracking sheet has been provided as the final page of this QASP.

No-idle practices - In addition to using alternative fuel, the contractor shall use methods to control nuisance odors associated with diesel emissions from construction equipment including without limitation the following: (1) turning off diesel combustion engines on construction equipment not in active use, and on trucks that are idling while waiting to load or unload material for five minutes or more; and (2) locating diesel equipment away from the general public and sensitive receptors.

Payment – A negative incentive amount of up to 1% of the total contract amount can be retained by EPA from the contractor's invoices if the contractor does not engage in no-idle practices and if alternate fuels are not utilized. The following negative incentive amounts can be retained by EPA:

- (a) 0% to 4% alternate fuel – \$2,000 withheld per month
- (b) 5% to 10% alternate fuel – \$1,500 withheld per month
- (c) 11% to 15% alternate fuel – \$1,000 withheld per month
- (d) 16% to 19% alternate fuel – \$500 withheld per month
- (e) >19% alternate fuel – nothing withheld

Incentive – EPA and property owner satisfaction - Payment methodology – based on the average rating from completed Property Owner Satisfaction Survey forms AND assessment of performance by the CORs/PO. EPA assessment will consider timeliness of punch list resolution, business relations, complaint resolution, and overall quality of work.

Property Owner Survey ratings:

9-10	=	Excellent
7-8	=	Very Good
5-6	=	Acceptable
3-4	=	Poor
1-2	=	Very Poor

If the average rating is equal to 8.0 or greater – the contractor is eligible for up to 100% of the incentive
If the average rating is between 6.0 and 8.0 – the contractor is eligible for up to 50% of the incentive
If the average rating is between 5.0 and 6.0 – the contractor is eligible for up to 10% of the incentive

Incentive – Local spending and hiring - Payment methodology – Only EPA-approved “local” contract expenditures will be considered “allowable expenditures” for the purpose of this incentive. The following are considered eligible expenditures: 1) subcontracts with small business firms headquartered or located in the impacted local community; 2) hiring laborers who are residents of the impacted local community; 3) miscellaneous other goods & services purchased from small business vendors located within the impacted local community.

Expenditures of 50% or more of the cost of closed-out properties = eligibility for 100% of incentive
Expenditures between 40-49% of the cost of closed-out properties = eligibility for 75% of incentive
Expenditures between 30-39% of the cost of closed-out properties = eligibility for 50% of incentive
Expenditures between 20-29% of the cost of closed-out properties = eligibility for 25% of incentive
Expenditures of less than 20% renders the contractor ineligible for the incentive.

The term “local” is defined as the following counties in Missouri: Madison, St. Francois, Perry, Bollinger, Wayne, and Iron.

The contractor shall provide supporting documentation to EPA which clearly demonstrates the contractor’s financial commitments with the “impacted local community.” Documentation shall include certifications that subcontractors and vendors meet criteria for “small business” (SB) as defined by the applicable North American Industry Classification System (NAICS) and shall include receipts, bills, etc.

SAMPLE FUEL TRACKING SHEET.

February 2009 Remaining Balances Red 40 Clear 50 (gallons)

Supplier Date	Invoice #	Received (gallons)		Used (gallons)		Remaining (gallons)		Original Red Price/Gal.	New Red Price/Gal.	Red Total	Original Clear Price/Gal.	New Clear Price/Gal.	Clear Total
		Red	Clear	Red	Clear	Red	Clear						
CO-OP 3/2/2009	6965	4000				4040	50	\$2.25	\$2.80	\$2.25 x 40 gallons + \$2.50 x 880 gallons	\$2.80		\$2.80 x 30 gallons
				920		3120	20	\$2.25	\$2.80	\$2.50 x 1532 gallons	\$2.80		\$2.80 x 20 gallons
				1532		1588		\$2.50		\$2.50 x 1500 gallons			
				1500		88		\$2.50					
CO-OP 3/5/2009	6976	3000	500			3088	500	\$2.50	\$2.00	\$2.00 x 88 gallons + \$2.00 x 412 gallons		\$3.20	\$3.20 x 100 gallons
				500		2588	400	\$2.00	\$3.20		\$3.20		\$3.20 x 80 gallons
				800		1788	320	\$2.00					

ETC.

Supplier Date	Invoice #	Received		Used		Remaining		Red Total	Clear Total
		Red	Clear	Red	Clear	Red	Clear		
Totals		7000	500	5252	230	1788	320	FILL IN WITH COST	FILL IN WITH COST

TOTAL ALTERNATIVE FUEL COST \$ FILL IN WITH TOTAL COST

** The fuel gallons and fuel prices are only intended to be examples and are in no way representative of what EPA expects the cost and usage of the fuel will be. These numbers are only intended to provide the Contractor with a sample of how to track the fuel.

The Contractor must also show what percentage of alternate fuel is being used on the project.