



May 13, 2013

Project No. 053-1695.210

Mike Sherron
Ohio Environmental Protection Agency
Southeast District Office
Division of Environmental Response and Revitalization (DERR)
2195 Front Street
Logan, OH 43138

**RE: INTERIM ACTION WORKPLAN
FORMER SATRALLOY SITE (JEFFERSON COUNTY, OHIO)**

Dear Mr. Sherron:

On behalf of Cyprus Amax Minerals Company, this letter proposes a change to the Interim Action Workplan approved by the Ohio Environmental Protection Agency. The interim action contractor suggested that the location of the baghouse dust staging area be moved from the concrete floor of the North Mill Building to the concrete pad adjacent to the North Mill Building. This change would allow the demolition to be performed without two mobilizations, and would decrease the possibility of damage to the staging area during demolition activities. There would be no change to the approved design of the staging area, and appropriate stormwater controls would protect the staging area from stormwater flowing into the staging area.

The proposed change is shown on the attached revised drawing IAR-520.

We request OEPA approval of this change, to be reflected in the final Interim Action Workplan.

Sincerely,

GOLDER ASSOCIATES INC.

A handwritten signature in black ink, appearing to read 'Lee K. Holder'.

Lee K. Holder, PE
Associate Engineer, Project Manager

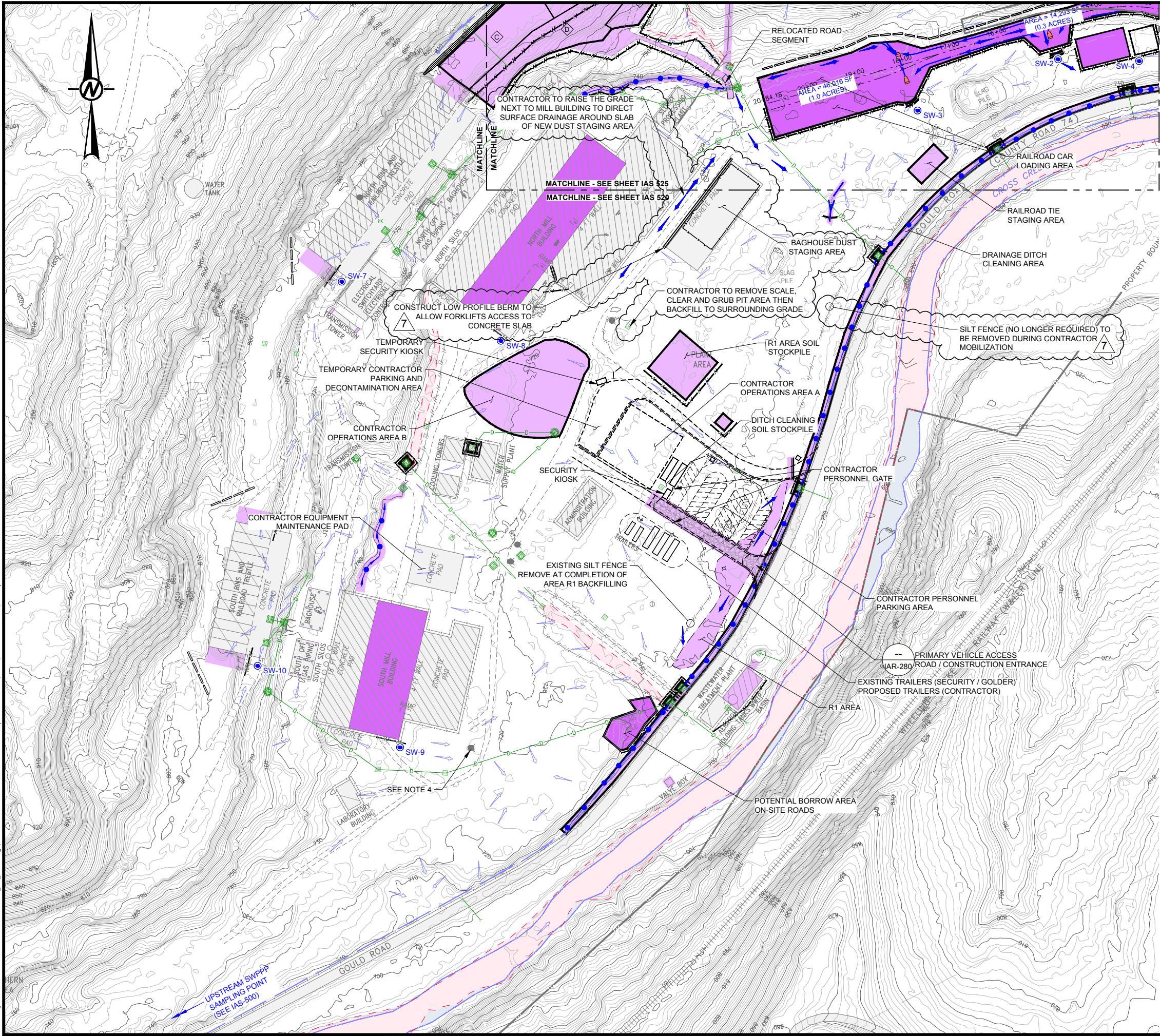
cc Barbara Nielsen, Cyprus Amax Minerals Company
J. S. Curry, Gallagher & Kennedy P.A.
J. D. Lynch, Gallagher & Kennedy P.A.

Attachment: Drawing IAR-520

LKH/sb



K:\CAD\Projects\2005\0531695410\RA-SW\PP\0531695 410_IRA23.dwg | IAS-520 STORMWATER BMPs PLANT AREA | Mod: 05/10/2013, 11:17 | Plotted: 05/10/2013, 11:36 | SS:rmms



NOTES:

1. BASE TOPOGRAPHY DATED 2003 PROVIDED BY JEFFERSON COUNTY, OHIO, ENGINEERS OFFICE.
1.a. HORIZONTAL DATUM: OHIO NORTH ZONE NAD 83 - STATE PLANE U.S. SURVEY FOOT.
1.b. VERTICAL DATUM: NAVD 88 (EST. 191).
1.c. CONTOUR INTERVAL: 2FT.
2. PROPERTY BOUNDARY BY BONAR SURVEYING, BERGHOLZ, OHIO, DATED OCTOBER 17, 2008.
3. WETLAND DELINEATION PROVIDED BY WESTLAND RESOURCES, INC., ON DRAWING DATED MAY 30, 2007.
4. CONTRACTOR TO REPAIR DITCH AND BERM EROSION BY CLEARING AND CLEANING LITTER AND DEBRIS FROM EXISTING DITCH THEN PULL AWAY SOILS THAT HAVE FILLED DITCH TO REESTABLISH ORIGINAL DRAIN FLOW. PLACE EXCESS SOIL REMOVED FROM DITCHED IN OPEN AREA IMMEDIATELY TO THE NORTHEAST OF THE TEMPORARY ROAD OR AS DIRECTED BY THE CONSTRUCTION MANAGER.

WETLAND LEGEND:
(SEE NOTE 3)

- INTERMITTENT JURISDICTIONAL WATERS OF US [CORPS]
- PERENNIAL JURISDICTIONAL WATERS OF US [CORPS]
- ISOLATED WETLANDS (OEPA JURISDICTION)
- OPEN WATER (NON-JURISDICTIONAL)

LEGEND:

- EXISTING PROPERTY BOUNDARY (SEE NOTE 2)
- EXISTING ON-SITE ACCESS ROAD
- EXISTING COUNTY ROAD (PAVED)
- EXISTING RAILROAD
- FUTURE RAILROAD SPUR CENTERLINE AND STATIONING (TO BE CONSTRUCTED)
- EXISTING FACILITY (TO BE DEMOLISHED)
- EXISTING SLURRY PIPELINE
- EXISTING UNDERGROUND DRAINAGE PIPE
- EXISTING CULVERT / DRAINAGE PIPE DISCHARGE
- EXISTING MANHOLE (UNVERIFIED)
- EXISTING MANHOLE (VERIFIED)
- EXISTING CATCH BASIN (UNVERIFIED)
- EXISTING CATCH BASIN (VERIFIED)
- EXISTING FIRE HYDRANT
- EXISTING GROUNDWATER WELL
- CROSS CREEK
- EXISTING DRAINAGE DITCH
- EXISTING DRAINAGE DITCH (TO BE REPAIRED) (SEE NOTE 4)
- DRAINAGE SWALE (WITH FLOW DIRECTION)
- SAND TUBE BERM
- EXISTING DIVERSION BERM (TO BE REPAIRED)
- DIVERSION BERM
- CULVERT / DRAINAGE PIPE DISCHARGE
- EXISTING SILT FENCE
- SILT FENCE
- REINFORCED SILT FENCE
- STRAWBALE BARRIER WITH SILT FENCE
- PRE-INTERIM ACTION STORMWATER FLOW DIRECTION
- POST-INTERIM ACTION STORMWATER FLOW DIRECTION
- DISTURBED AREA STORMWATER SAMPLE LOCATION
- DISTURBED AREA (<15 DAYS)
- DISTURBED AREA (>14 DAYS)

ISSUED FOR BIDDING

SCALE

0 100 200 300
FEET

Gold Associates

GOLDER ASSOCIATES INC. SUITE 200
REDMOND, WASHINGTON USA 98052
TEL: (425) 885-0777
FAX: (425) 885-5688

REV	DATE	DESCRIPTION	CHK	RW
7	05-09-13	FSS POST IAMP APPROVAL CHANGES	SES	JDW
6	02-25-13	FSS ISSUED FOR BIDDING	SES	JDW
5	(TBD)	FSS ISSUED FOR BIDDING	SES	JDW
4	(TBD)	FSS ISSUED FOR FINAL DRAWING REVIEW	SES	JDW
3	(TBD)	FSS ISSUED FOR BID UPDATE	NED	JDW
2	4-23-12	FSS DRAFT INTERIM ACTION WORK PLAN	NED	JDW
1	1-16-12	FSS ISSUED FOR BID UPDATE	NED	JDW
0	12-30-11	FSS SITE MEETING	NED	JDW
		DES REVISION	CADD	CHK

PROJECT

FORMER SATRALLOY SITE
STORMWATER POLLUTION
PREVENTION PLAN

TITLE

STORMWATER FLOWS,
CONTROLS, AND
SAMPLE LOCATIONS
PLANT AREA

PROJECT No. 053-1695-410

SHEET

IAS-520