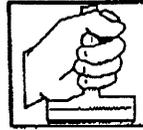




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FAX TRANSMISSION

TO: Pamela Grubaugh-Littig
FROM: Patrick Collins
DATE: March 26, 1999
SUBJECT: Wellington Soil changes
NO. OF PAGES (including this pg.): 5

(Already Copied to Bob)
ACT/09/012 #2

As I told you in our meeting yesterday I would "try" to get you the following changes *today* that we talked about *yesterday*.

Soil Borrow Volumes

Please find following the changes we discussed in the meeting yesterday concerning soil volumes and areas that borrow material would be recovered. I have made all changes that Bob Davidson wanted to see done. (I also faxed this to Bob earlier).

Coal Material

Based on our conference call this morning, this issue has not been resolved and it has changed since our meeting yesterday. I have not heard from Andalex as to whether they are going to drop the project. Therefore, I have not made changes relating to this issue.

Water Sampling Data

We have been in touch with the water lab all day today. This baseline data will also be faxed to you today as promised.

approximately 82,611 cy of available soil material for use in reclamation activities. *This area, however, is not proposed for use at this time for final reclamation. Instead, it will remain in the mining and reclamation plan as a viable option for additional available borrow material.*

draft

Topsoil Borrow Area J

Topsoil Borrow Area J is located on the northwest side the Wellington Preparation permit area and is disjunct from most of the permit area, that is, it is a small parcel of property (6.73 acres) located approximately 1,400 ft from the major portion of the permit area (see Dwg. G9-3511).

A total of 13,019 ~~22,221~~ cy of material will be removed from this area to a depth of 1.2 ~~2.05~~ ft if necessary for the "worst case scenario" ~~coverage of the Coarse Refuse Pile.~~

Clearwater and Lower Refuse Dikes

Through analyses of as-built drawings of the dikes, it was established that Gerst soil material is available in each dike. Since this facility was constructed prior to SMRCA and only very minimal topsoil is stockpiled, it is prudent to use as much of these dikes as possible. It minimizes disturbance to undisturbed lands that otherwise would have to be a source of topsoil borrow.

The Clearwater dike contains about 166,100 cy of material. The suitable material for redistribution is calculated to be about 91% of this or 151,000 cy (see Dwg. E9-1764B). Regrading this dike to natural topography will be required in both scenarios.

The Lower Refuse Dike contains a minimum of 29,700 cu. This is the amount that will be used in the worst-case scenario. In the best-case scenario, this dike would be regraded to its natural topography and creates 110,400 cy of available topsoil material (see Dwg. E9-1764A).

Actual characterization of both dikes per Table 2 of the DOGM Guidelines will be performed in the near future by drilling. The dike materials identified as suitable soil borrow material would also be tested on-site during excavation. Each soil material type would be tested for texture, pH, EC, and SAR prior to distribution. The cleared portion of the dike would be reclaimed by using existing suitable native soil material daylighted with the removal of the borrow.

For a summary of all areas that required substitute topsoil, the volumes needed, and the specific borrow areas to be used in the "worst-case scenario" at final reclamation, refer to Table 2.41-1.

draft

Table 2.41-1: Summary of reclamation sites and sources of topsoil for the worst-case scenario at Wellington.

Reclamation Site	Topsoil and Cover Required (cy)	Borrow Area Source	Amount To Be Used (cy)
River Pumphouse	3000	Area "G"	3,000
Coarse Refuse Pile	43300	Area "H"	21079
		Area "J"	22221
Slurry Ponds	985000	Area "D"	175400
		Area "G"	9650
		Area "E"	492500
		Area "H"	26800
		CW Dike	151000
		LR Dike	29700
Coarse Slurry Pile	0 (returned to slurry pond)		0
Totals	1031300		1031300

Table 2.41-2: Summary of reclamation sites and sources of topsoil for the best-case scenario at Wellington.

Reclamation Site	Topsoil and Cover Required (cy)	Borrow Area Source	Amount To Be Used (cy)
River Pumphouse	3000	Coarse Refuse Pile	3,000
Coarse Refuse Pile	43300	Area "H"	43300
Upper Slurry Pond	493000	CW Dike	151000
		LR Dike	107400
		Impacted soils: LR basin & Coarse Slurry Pile	246500
Coarse Slurry Pile	0 (returned to slurry pond)		0
Totals	539300		551200

Soil Monitoring for Reclamation

The soil profile analyses have been completed for the designated topsoil borrow areas. The specific pedon information will be used to identify horizons that may be unsuitable for substitute topsoil material. As the identified potentially unsuitable horizons are uncovered during the borrow operation, on-site testing will be conducted to determine the material that was unsuitable and may not be available as borrow. The on-site testing includes texture, pH, EC, and SAR. The on-site results will be used to determine whether the material should remain in the pit or be diluted with suitable material for borrow. The unsuitable material remaining in the borrow pit would be buried and covered with 18 inches of suitable material for revegetation.

draft

COAL STAFF MEETING

AGENDA

March 29, 1999

Conference Room "A"

8:30 a.m. - 9:45 a.m.

25min. Administrative Details

Team Lead (Joe)
White Oak Financial Status (Joe)
Annual Report Procedures (Daron)
Earth Day Award Presentations USMX, Gordon Creek 7,8,
Horizon meeting 3/23 (Joe, Daron), Horizon Mid Term / Division Order / Bond
Skyline Emulsion (Joe, Daron)

5 min. Compliance (CTS)

Wellington NOV, extended to April 26, 1999

10 min. Permitting -(CTS)

- #1. Wellington, due due 3/31 (Pam)
- #2. Hiawatha Division Order (Response to Deficiencies), due 3/31 (Paul)
- #3. Lila Canyon TA -SR98-1 due 4/26 (Dave)
- #4. Star Point Topsoil Amendment, due 3/24 (Joe)
- #5. Bear Canyon Mining Sequence 99A due 3/26 (Pete)
- #6. J. B. King As-Built Modifications 99A due 3/25 (Mike)
- #7. Starpoint Longwall 99A due 3/26 (Dave)
- #8. Barn Canyon 98B-1 due 3/29 (Wayne)
- #9. Starpoint 98C due 4/2 (Dave)
- #10. Horse Canyon Midterm due 4/5 (Daron)
- #11. Deer Creek Volume 98C due 3/26 (Jim)
- #12. Cottonwood Waste Rock BR98-1 due 3/30 (Pam)
- #13. Wellington Transfer TR99A due 4/9 (Pam)

10 min. Proposals Received Week of 3/22

Annual Reports for Emery Deep and Hidden Valley, and Horse Canyon

Approval/Actions Week of 3/22

Star Point Clean Copies for 98B
444-Acre Addition to Genwal sent out with deficiencies
Canyon Fuel Soldier Canyon Temporary Cessation of Operations 99A
Canyon Fuel Dugout exploration 99B Transmittal letter
Annual Report Extensions Pacificorp mines to 4/30, Cyprus Mine to 5/15
SUFCA Raptor Survey

5 min. Upcoming Events

Stakeholders Meeting 4/21
Hydrology work Group 3/29
Interagency Conference call 4/1

5 min. Schedules/ Inspections/Training/ Field Trips week of 3/29

Tiffini	Sharon
Ken	Wayne
Bill	Joe
Daron	Jim
Susan	Mike
Randy	Pete
Nina	Paul
Stephanie	Priscilla
Steve	Bob
Dave	Pam

How to make this meeting more productive? (Suggestions)

Information Items/Reminders Only (No Discussion)