

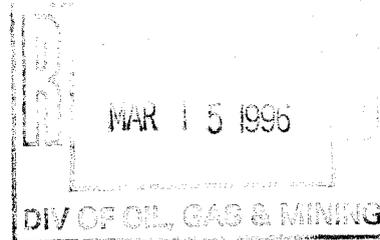
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GENWAL
RESOURCES, INC.

P.O. Box 1420 • 195 North 100 West • Huntington, Utah 84528
Telephone (801) 687-9813 • Fax (801) 687-9784

March 14, 1996

Mr. Daron Haddock
Permit Supervisor
Division of Oil, Gas, and Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203



Dear Daron:

Attached please find 8 copies of our updated plates associated with the Culvert Expansion Amendment. As you are aware Genwal was required to avoid disturbing 222 square feet of National Forest Lease Lands which are within our current disturbed area, but which have not been previously disturbed. Thus, to honor the Forest Service concerns, Genwal has redrawn the plates and will not disturb the 222 square feet.

ACT/015/032 #2
John Daron
Mike

As a result of redrawing the boundaries, the exact acreage within the disturbed area boundary is 9.9956 acres. Of the 9.9956 acres within the disturbed area boundary, 4.6993 acres are within the red-hatched lines and is classified as new disturbance associated with the Culvert Expansion Project. Also, two undisturbed acres of .30 acres and .18 acres are also present within the existing disturbed area boundaries (these two areas are left undisturbed in the Culvert Expansion Project). Thus, after all is said and done, Genwal will have 9.5156 acres of actual disturbance within the disturbed area boundary after the culvert is installed and the fill materials are emplaced.

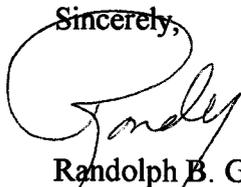
The sediment pond has been increased in size to occupy the entire portion of the lower pad. The pond is designed with a 12' top width and 2 horizontal to 1 vertical side slopes (2:1). After the embankment and upstream pad are constructed from engineered fill the upper 12" on the interior of the entire pond will be ripped and bentonite will be incorporated to ensure that the desired permeability is achieved, which will retain the water within the impoundment. Genwal proposes adding 4-6 " of bentonite to the ripped material, mixing the two materials with discs and harrows and recompacting the bentonite/soil material.

A new embankment stability analyses has been conducted to address the changes to the sediment pond. The stability analyses shows that the embankment surpasses the 1.3 minimum static safety factor.

Mr. Daron Haddock
March 15, 1996
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Genwal and I greatly appreciate the efforts of your staff in providing timely comments during their technical review. I look forward to working closely with you on this project.

Sincerely,

A handwritten signature in cursive script, appearing to read "R. Gainer". The signature is written in black ink and is positioned to the left of the typed name.

Randolph B. Gainer, P.G.
Environmental Manager

APPLICATION FOR PERMIT CHANGE

Title of Change: **Modification to Culvert Expansion Amendment**

Permit Number: **ACT/015/032**

Mine: **Crandall Canyon**

Permittee: **Genwal Resources**

Description, include reason for change and timing required to implement: **Amended plates to exclude 222 square feet of USFS Lease Property**

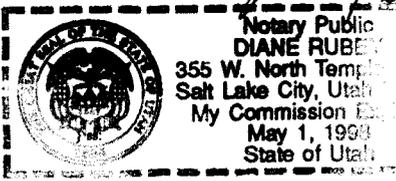
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	1. Change in the size of the Permit Area? _____ acres <input type="checkbox"/> increase <input type="checkbox"/> decrease.
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	2. Change in the size of the Disturbed Area? _____ acres <input type="checkbox"/> increase <input type="checkbox"/> decrease.
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	3. Will permit change include operations outside the Cumulative Hydrologic Impact Area?
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	4. Will permit change include operations in hydrologic basins other than currently approved?
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	5. Does permit change result from cancellation, reduction or increase of insurance or reclamation bond?
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	6. Does permit change require or include public notice publication?
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	7. Permit change as a result of a Violation? Violation # _____
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	8. Permit change as a result of a Division Order? D.O.# _____
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	9. Permit change as a result of other laws or regulations? Explain: _____
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	10. Does permit change require or include ownership, control, right-of-entry, or compliance information?
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	11. Does the permit change affect the surface landowner or change the post mining land use?
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	12. Does permit change require or include collection and reporting of any baseline information?
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	13. Could the permit change have any effect on wildlife or vegetation outside the current disturbed area?
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	14. Does permit change require or include soil removal, storage or placement?
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	15. Does permit change require or include vegetation monitoring, removal or revegetation activities?
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	16. Does permit change require or include construction, modification, or removal of surface facilities?
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	17. Does permit change require or include water monitoring, sediment or drainage control measures?
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	18. Does permit change require or include certified designs, maps, or calculations?
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	19. Does permit change require or include underground design or mine sequence and timing?
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	20. Does permit change require or include subsidence control or monitoring?
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	21. Have reclamation costs for bonding been provided or revised for any change in the reclamation plan?
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	22. Is permit change within 100 feet of a public road or perennial stream or 500 feet of an occupied dwelling?
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	23. Is this permit change coal exploration activity <input type="checkbox"/> inside <input type="checkbox"/> outside of the permit area?

Attach 8 complete copies of proposed permit change as it would be incorporated into the Mining and Reclamation Plan.

I hereby certify that I am a responsible official of the applicant and that the information contained in this application is true and correct to the best of my information and belief in all respects with the laws of Utah in reference to commitments, undertakings, and obligations, herein.

Joseph P. Phipps
 Signed - Name - Position - Date
 E.W. Manager 3/15/96

Subscribed and sworn to before me this 16 day of March, 1996.
Diane Ruben
 Notary Public
 My Commission Expires: _____, 19____)
 Attest: STATE OF Utah)
 COUNTY OF Salt Lake)



Received by Oil, Gas & Mining

MAR 15 1996

ASSIGNED PERMIT CHANGE NUMBER