

HATCH PIT OPERATION PLAN

2006 REVISION

May 23, 2006

Bonneville County Commissioners

Roger Christensen

Lee Staker

Dave Radford

Public Works Director

Kevin Eckersell

Solid Waste Manager

Blair Hillam

Administrative Secretary

Nancy Potter

Enclosed is the revised 2006 Hatch Pit Operation Plan. Changes included in this revision are:

- Final Grading – Change from 4% to 3% Slopes.
- Promotion of Recycling



HATCH PIT OPERATION PLAN

2006 REVISION

INTRODUCTION

HK Contractors, Inc. has concluded mining operations at the Hatch Pit, located between the Lewisville Highway and East River Road, North of 33rd North (Iona Road). The owners of the property within the Hatch Pit are City of Idaho Falls and HK Contractors, Inc. The legal description for the property is SW1/4, SEC. 6, T2N, R38E B.M.

July 1, 1999, HK Contractors and Bonneville County entered into a partnership to reclaim the gravel pit. The reclamation is estimated to take approximately 15 years to reclaim.

Bonneville County will control the land filling operation and will be responsible for logging the material into the pit and insuring that the waste entering the pit is in compliance with the approved reclamation plan. Reclamation includes filling in the mined areas with non-municipal wastes as described below. These areas will be covered with topsoil and seeded. The operational & reclamation plan for the Hatch Pit is outlined below.

SITE DESCRIPTION

Appendix "A" contains a site map of the property, the legal description of which has been mentioned above. Most of the surrounding area is a former municipal waste site which has been reclaimed. When this operation began, the residences were estimated to be approximately 1300 feet from this property and with continuing growth of the community homes are being constructed on the North boundary line of the site. The remainder of the surrounding property is agricultural.

Ground water was not encountered during HK's operation of the gravel source. The closest water source is an industrial well at the former asphalt plant site that will be located and abandoned through IDWR. The County has monitoring wells used to monitor ground water every six months. The depth of the ground water in the monitoring wells is approximately 130 feet.

There are no active ditches or streams within the site boundary, however there are irrigation ditches along the South boundary line.

The soil in and around the site is classified as Snake River gravel. All vegetation was removed during HK's mining operation. Bonneville County has constructed a berm around the site to keep rain water, snowmelt and other surface water from flowing into and out of the non-municipal waste site.

SIGNING

Signs are installed and maintained along the entrance road into the Hatch Pit identifying the name of the facility, current hours of operation, types of wastes accepted, and

emergency phone numbers. Additional signs may be installed to direct the public to disposal areas if needed.

CATEGORIES OF WASTES

The only waste that will be allowed at this site are as follows:

1. Packaging
2. Construction / Demolition Wastes
 - a. Less than 10 ton - no charge.
 - b. Greater than 10 ton will be charged \$10 per ton.
3. Inert Wastes
4. Wood Wastes
 - a. Current recycling company is “Mountain West Bark Products Inc”.
5. Yard Wastes (not including grass clippings)
6. Metals
 - a. Current recycling company is “Pacific Recycling”.

Certain items will be removed from the waste stream and recycled. Details of these categories are included in **Appendix “B”**.

- a. Metals - Bonneville County has an agreement with a local Recycling Company to maintain a recycle bin for such items as appliances, etc. (Excluding Refrigerators).
- b. Wood – Bonneville County will allow recycling of wood products as an effort to reduce the amount of recyclable material being disposed of which will also help extend the life of the landfill. The wood stockpile shall be located in a designated area to pose minimal risk for fire hazard. (See Appendix “A” for location.)
- c. Cardboard – Bonneville County will allow recycling of cardboard products and provide containers as an effort to reduce the amount of recyclable material being disposed of which will also help extend the life of the landfill. (See Appendix “A” for possible container locations.)

CONTROLS/WASTE SCREENING

Current operation hours for the Hatch Pit are 8:00 a.m. to 7:00 p.m. in the summer and 8:00 a.m. to 4:30 p.m. in the winter, Monday through Saturday, except Holidays.

Access to Hatch Pit is restricted by fencing the property boundary. Gates into the Hatch Pit Reclamation site are maintained by Bonneville County and are unlocked during business hours and only when an attendant is on-site. All loads entering the site will be inspected at the gate and as they are dumped at the working faces. Inspections that are more detailed will be performed on a random basis (but not less than 1%) and characterized by type and quantity by an attendant, using the log sheets as shown in Appendix “C”. Records of these inspections will be on file at the Solid Waste Manager’s office.

Unauthorized Household Waste if discovered will be moved and disposed of at the Transfer Station.

Hazardous Waste - If hazardous or potentially hazardous waste is discovered, the employee will act according to the following procedure:

- 1) The driver in violation will be notified and his name and license plate number will be logged (See Appendix "C" Unauthorized Waste Sheet).
- 2) The Solid Waste Manager will be notified immediately.
- 3) If the hazardous waste poses an immediate threat to persons or vehicles, the area will be evacuated immediately.
- 4) DEQ and District Seven Health will be notified for further instruction.

Communication - All attendants and operators at the site will have two-way radio communication with the other solid waste facilities. Most personnel will also have cell phones with them.

Fire Prevention and Control - Burning is "NOT" permitted at the site. Any fires that occur will be controlled by Bonneville County and extinguished by covering the burning area with dirt and gravel. The county may elect to use local fire officials to control the flames and heat during the covering operation. The following control plan and precautions will be followed:

- 1) The Solid Waste Manager and working employees will be notified immediately.
- 2) The landfill Manager's instructions will be followed.
- 3) No individuals will be placed in danger while fighting fire.
- 4) If necessary, incoming traffic will be stopped and/or evacuated.
- 5) The Fire Department will be notified and advised by the landfill Manager.
- 6) Employees shall stay on the upwind side of the fire.
- 7) Refuse on fire will be excavated, isolated, and smothered with dirt.
- 8) A water truck may be used to help put the fire out using a minimal amount of water.
- 9) Water from the Fire Department will be the last resort effort (unless in an emergency situation) after consultation and concurrence with DEQ and District Seven Health Department to put the fire out.
- 10) DEQ and District Seven Health Department will be notified of all fire issues.

Fire extinguishers are located in all equipment and buildings at this site.

COVER

Cover will be placed over the waste as needed to prevent sustenance to rodents and insects that cause human disease and discomfort, control vectors that may cause health hazards or nuisances, control malodorous gases, minimize litter, and will be graded to resemble the surrounding reclaimed landfill areas. Grass clippings will not be accepted at this site to provide additional odor control. Waste will be dumped at the bottom and pushed up the face of the site in order to create a natural safe slope.

In order to facilitate safe unloading of wastes and to keep the dumpsites accessible, the waste will be compacted to help provide erosion control and structural stability.

Additional litter control will be provided by the use of portable litter fences that can be moved and placed downwind of the disposal operation to catch loose litter. Bonneville County will use temporary employees or jail work release crews to provide litter pickup at the Hatch Pit and adjacent properties if needed.

Final cover will consist of eighteen inches of compacted soil (with in-place permeability less than or equal to the permeability of natural subsoil or 1×10^{-5} cm/sec, whichever is greater) and a six-inch topsoil layer capable of sustaining vegetative growth. Finished grade shall be maintained at 2%, after waste settlement to facilitate drainage off fill and control erosion. After the topsoil has been placed, seeding will take place in the fall of that year. If seeding does not take, seeding will be repeated the following year.

CLOSURE

When the Hatch Pit waste disposal sit reaches capacity, or it should become inactive for one year, closure will commence in accordance with IDAPA 58.01.06.

Bonneville County shall submit to the DEQ a completed Closure Plan for Department review and approval. Facility closure will be completed within 6 months of DEQ's approval of the Closure Plan. Additionally, Bonneville County will provide public notice of the facility's closure by publishing a notice in the local newspaper and posting signs at the facility's entrance at least 30 days and no more than 90 days prior to closure. Within 30 days of completed closure, Bonneville County shall provide closure certification to DEQ.

BIRD HAZARD

This facility is located within 2 miles of Fanning Field's runway, which is used by turbojet aircraft. In order to prevent bird/aircraft collisions, no putrescible waste is accepted at this facility.

STORM WATER RUN-ON/RUN-OFF

Within the landfill site, the topography will be managed to prevent waters running into the refuse disposal areas by the use of site grading, dikes and small drainage ditches which will be constructed to direct local surface waters away from waste bodies, towards low points where the waters will dissipate through evaporation, transpiration, or infiltration..

CONCLUSION

It is the intention of HK Contractors, Inc. and Bonneville County to operate this Reclamation Site in accordance with State and Local laws and regulations. Regular inspections by Bonneville County will help promote safety and adherence to this Operational and Reclamation Plan. The property is posted with the required signs

and has a locking gate to prevent access to the site when it is closed. The access road is paved up to the gate. The onsite roads are graveled and maintained by Bonneville County. On-site roads will change as new areas are opened up. All on-site roads are sprayed with water as needed to combat fugitive dust.

The access roads are always open because Bonneville County has sufficient road equipment to deal with any emergency road condition. In the event that the Hatch Pit must be closed for an extended period of time the county will notify District Seven Health Department for approval to divert waste to a different approved waste site.

This facility and the surrounding properties do not lie within a flood plain nor has the area been designated as wetlands. Additionally, there is no evidence that this location is a habitat for endangered or threatened species.

This operational and reclamation plan for the hatch pit is submitted for approval. Please review the plan and if approved please sign and date the plan.

Signed by: _____ Date: _____
HK Contractors, Inc.

Signed by: _____ Date: _____
City of Idaho Falls

Signed by: _____ Date: _____
Bonneville County Commissioner

Approved by: _____ Date: _____
District Seven Health Department

APPENDIX A
HATCH PIT SITE MAP

APPENDIX “B”

HATCH PIT DISPOSAL INFORMATION

BONNEVILLE COUNTY SOLID WASTE DIVISION
605 N. CAPITAL, IDAHO FALLS, ID 83402 (208) 528-5550

HATCH PIT DISPOSAL INFORMATION

HATCH PIT: Location – 395 East 33 North – off Lewisville Hwy. West of BISH’S

HOURS: Winter – Monday through Saturday - - 8:00 A.M. to 4:30 P.M.
(Est. November 1st through March 31st)
Summer – Monday through Saturday - - 7:00 A.M. to 7:00 P.M.
(Est. April 1st through October 31st)

The Hatch Pit **will accept** only construction and demolition debris which includes wood products, branches, lumber, road spoils, bricks, concrete, tree stumps, packing material, soil, rocks, bulky metal items, yard debris, weeds, gravel and asphalt.

The Hatch Pit **will not accept** treated wood containing chemical preservatives such as creosote, pentachlorophenol or copper chrome-arsenate (i.e. railroad ties, fence posts) grass, clothes, paper, Ag Waste such as (seeds, hay, straw, manure), burn barrels, tires, refrigerators, paint, oil, oil filters, bug killers, herbicides, no empty cans of paint, electronics, fluorescent lights, furniture, mattresses, carpet and contaminated soil. No black bags full of anything. No food of any kind, including garden produce (vegetables and fruits). No plastic or metal flammable fuel containers.

Metals – Dispose such items as appliances (Excluding Refrigerators) as directed in the recycling bin.

Wood – Bonneville County will allow recycling of wood products including but not limited to building demolition, material from building construction, landscaping, and trees. Wood waste must be somewhat free of contaminants such as excess dirt, rock, concrete, and other miscellaneous contaminants that could damage wood waste processing equipment. The wood recycling program is an effort to reduce the amount of recyclable material being disposed of in the landfill thereby extending the life of the landfill. Once the material is collected the residents of the County would be allowed to salvage wood from this area.

The wood recycling area (see Appendix “A”) shall be limited to two (2) acres in size and stockpiled no longer than 1 year, after which shall either be buried with other waste or shredded and hauled off site. The wood stockpile shall be located in an area to pose minimal risk for fire hazard.

Cardboard – Bonneville County will allow and provide containers (see Appendix “A” for possible container locations) for recycling of cardboard products. The cardboard recycling program is an effort to reduce the amount of recyclable material being disposed of in the landfill thereby extending the life of the landfill.

Note: Please cover or tarp ALL LOADS.

Loads can be refused and directed to the Peterson Hill Landfill Site at the discretion of the Operator

APPENDIX "C"
UNAUTHORIZED LANDFILL WASTE SCREENING LIST

Landfill Attendant _____

Date _____ Time _____

Hauler Identification

Name _____ License _____

Waste Source _____

CONTAINERS

Full	YES	NO
Partially Full	YES	NO
Empty	YES	NO
Crushed	YES	NO
Punctured	YES	NO

POWDER/DUSTS

Identified	YES	NO
Unknown	YES	NO

FREE LIQUIDS PRESENT? YES NO

LABELS IDENTIFYING HAZZARDOUS MATERIALS? YES NO

ODOR/FUMES

Strong	YES	NO
Faint	YES	NO

HEAT YES NO

ITEMS FOUND

Batteries	YES	NO
Oil	YES	NO
Biomedical	YES	NO
Radioactive	YES	NO
Ashes/Residue	YES	NO

OTHER: _____
