

11. ANNUAL REPORT

GS30 will submit an annual report to PHSKC by April 1st each year. This report will include annual quantities of inert waste received during the previous calendar year. The quantities will be broken down to reflect quantities of asphalt, concrete mixed concrete and asphalt and any other categories of inert waste.

12. PERFORMANCE STANDARDS

The facility is designed and operated to comply with all regulations to not pose a threat to human health or the environment. GS30 must comply with DNR surface mining regulations and King County grading permit conditions. The site will be closed in accordance with the DNR approved reclamation permit.



David J. Morris

General Manager

3-12-20

Date

8. INSPECTION AND MAINTENANCE

In accordance with Mine Safety and Health Administration (MSHA) requirements. The dump site and all related equipment are inspected daily. Inspection records are maintained for five years. As noted above, water pH is monitored monthly and discharge monitoring reports submitted to Washington Department of Ecology each quarter. Equipment repairs are immediate and if delayed, the equipment will be replaced with other equipment on site.

9. RECORD KEEPING

Records of all material entering the site, including inert waste are maintained daily at the scale house. All inert waste is weighed, and individual weigh tickets generated. This information is summarized monthly and annually. Copies of weigh tickets and clean soil acceptance agreements are retained for five years. The following shows the format for tracking daily volume:

	8149	8146	8151			
DATE	MACD	ASPH+24	ASPHALT-24	CONCRETE		
	Tons			PRECAST	PLUS 24	MINUS 24
1/1/20						
1/2/20			17.81			79.28
1/3/20	32.21					47.3
1/4/20						
1/5/20						
1/6/20			16.66			148.15
1/7/20	34.8					
1/8/20			18.2		11.59	10.99
1/9/20			12.3			6.36

10. SAFETY

The Franklin Ridge facility is regulated by MSHA which is part of the U. S. Department of Labor. MSHA has comprehensive safety regulation and is required to conduct a thorough safety inspection twice each year. To comply with MSHA regulations (30 CFR Parts 1 -199) GS30 implements strict safety training protocols. Safety training records are maintained at the mine office. MSHA requires and emergency evacuation plan that is also maintained at the mine.

directed to the clean fill backfill site. There it is sometimes used for road construction or mixed directly with clean soil. A dozer operator maintains the dump site and inspects the material as its dumped. GS30 expects that approximately 10% of the backfilled material is inert waste and the balance clean excavated soil.

When the backfill area reaches final grade it is covered with at least one foot of topsoil and immediately seeded with a local seed mix. Within a year the seeded area will be planted with Douglas Fir on 9 feet spacing.

4. DUST CONTROL

During dry conditions dust is generate on haul roads within the site. This is primarily controlled by the application of water from a mobile water truck.

5. WATER CONTROL

The most recent modeling of water flow within the site was conducted by ESM Consulting Engineers, LLC. Their November 6, 2018 Technical Information Report was provided as Attachment of 9 of GS30's application. This TIR provides an in-depth analysis of water control within the site. Rainwater flows into the gravel that underlies the backfill. Groundwater within the active mining area, including the backfill, flows into an abandoned and un-reclaimed silica sand pit lake. The north end of the lake borders gravel into which the lake water seeps. There is no surface water discharge from the site. GS30 maintains an NPDES permit that requires monthly testing of water in the north end of the lake for pH and visual observation for oil sheens. To date the water pH is consistently in the 7.4 – 7.6 range.

6. SLOPE STABILITY

The backfill area where inert waste is disposed is constantly maintained with a dozer. The face of the slope is always at the angle of repose or less and is stable. The angle will vary with the season and amount of water in the clean soil being dumped. To account for wet material in the winter, GS30 constructs and large berm to contain loose material. The berm is generally constructed during dry conditions.

7. SITE SECURITY

The site is gated and monitored with cameras. GS30 also engages with a contract security agent to monitor the site during non-operating hours.

GREEN SECTION 30, LLC
FRANKLIN RIDGE SAND & GRAVEL
INERT WASTE PLAN OF OPERATIONS

1. TYPE OF WASTE HANDLED

Cured concrete that has been used for structural and construction purposes, including embedded steel reinforcing and wood, that was produced from mixtures of Portland cement and sand, gravel or other similar materials.

Asphaltic materials that have been used for structural and construction purposes (e.g., roads, dikes, paving) that were produced from mixtures of petroleum asphalt and sand, gravel or other similar materials.

Brick and masonry that have been used for structural and construction purposes.

Ceramic materials produced from fired clay or porcelain.

Glass, composed primarily of sodium, calcium, silica, boric oxide, magnesium oxide, lithium oxide or aluminum oxide. Glass presumed to be inert includes, but is not limited to, window glass, glass containers, glass fiber, glasses resistant to thermal shock.

2. PREVENTION OF DANGEROUS WASTE

Incoming inert waste is first screened at the weigh station when it enters the mine site. It is also inspected by a dozer operator when its dumped where clean soil is also dumped. The dozer operator can readily observe material that may not meet clean soil or inert waste criteria. Clean soil or inert waste disposal is only allowed from operators who have signed a Clean Soil Acceptance Agreement. A copy was provided with GS30's initial application as Attachment 4. This form is under review and will be revised.

Also included in Attachment 4 of the application was GS30's Clean Fill Monitoring Program. While this is focused on the disposal of clean soil, it is equally applicable to inert waste in terms of preventing the inclusion of dangerous waste in material coming onto the site.

3. HANDLING PROCEDURES

All trucks hauling clean soil or inert waste onto the site are first directed to the scale and, if necessary, screened for unacceptable material at the weigh trailer. Green Section 30, LLC recycles a portion of the inert waste material coming onto the site. The amount of material that is recycled depends on market conditions. Trucks hauling inert waste that is not recycled are

