

## SITE MONITORING REPORT

Please find detailed below the report for the site monitoring undertaken on 8<sup>th</sup> October (SRC) quarry and 31<sup>st</sup> October (RIA) landfill site. If you should have any queries please do not hesitate to contact me.

<b>File Ref:</b> 14 421 12		<b>Visit no:</b> 3 of 4
<b>Monitoring Officer:</b> Terry Burns <b>Tel No:</b> 03330 136440		<b>Time on site</b> 09:30 – 10:20 SRC 13:00 – 15:25 RIA
<b>Site Co-ordinator:</b> Terry Burns		<b>Time off site:</b> See table before
<b>Tel No:</b> as above		
<b>Site Name:</b> Martells Quarry, Slough Lane, Ardleigh		
<b>Operator:</b> SRC/RIA		
<b>Site Representative:</b> SRC representatives David Hunter (DH) along with David Marsh (DM) agent for SRC. Accompanied by Claire Tomalin attending as part of Essex Site Awards Scheme.		
RIA David Jenner (DJ) Anne Westover (AW) (ECC); Emma Simmonds (ES) (ECC)		
<b>Permission Numbers:</b>		
<b>Landfill site:</b>		
<b>ESS/30/16/TEN:</b> Continued restoration.		
<b>ESS/17/14/TEN:</b> Gas flare		
<b>Quarry Site:</b>		
<b>ESS/43/14/TEN:</b> Mobile Washing plant		
<b>ESS/53/17TEN</b> – Continuation of use of land for mineral extraction.		
<b>Permission Number &amp; Romp Date Due:</b> See 'Inspection Result Summary'		
<b>On going Submission of details noted from previous monitoring report:</b>		
<b>Permission No.</b>	<b>Condition No.</b>	<b>Scope of Condition and Action to be taken</b>
ESS/30/16/TEN	5	Operator (RIA) to submit details of western boundary treatment prior to ground raising in this area
ESS/30/16/TEN	8	Operator (RIA) to submit details of ecology prior to re-entry of phases/cells.
ESS/30/16/TEN	10	Operator (RIA) to submit details of Topographical Survey
ESS/30/16/TEN	11	Operator (RIA) to submit details of Topographical land surveys
ESS/30/16/TEN	27	Operator (RIA) to submit details of dust control
ESS/30/16/TEN	40	Operator (RIA) to submit details of restoration
ESS/30/16/TEN	41	Operator (RIA) to submit details of landscaping
ESS/30/16/TEN	42	Operator (RIA) to submit details of



		Aftercare
ESS/30/16/TEN	43	Operator (RIA) to submit details of Aftercare
ESS/17/14/TEN	3	Operator (RiA) to submit details of the specific plant to be used in the development and provide an update to the Noise Assessment based on that to be installed
ESS/17/14/TEN	5	Operator (RIA) Noise Monitoring required
ESS/53/17/TEN	8	Operator (SRC) Prior Archaeology
ESS/53/17/TEN	92	Operator (SRC) – Waste arisings
ESS/53/17/TEN	31	Operator (SRC) to reassess allowances for settlement at 3 yearly intervals once landfilling commences and progresses through each stage
ESS/53/17/TEN	34	Operator (SRC) –Odour emissions
ESS/53/17/TEN	42	Operator (SRC) Noise Monitoring
ESS/53/17/TEN	49	Operator (SRC) Subsoil placement
ESS/53/17/TEN	56	Operator (SRC) Plant Site Restoration
ESS/53/17/TEN	61	Aftercare

**Constraints:**

Weather: **Dry** / Light wind / Rain / Snow  
Noise: **Acceptable** / Not acceptable / N/A  
Approach Roads (to site): **Dry** / Dusty / Wet / Muddy /Flooded  
Approach Roads (within): **Dry** / Dusty /Muddy / Wet/ Muddy / Flooded  
Ground: **Dry / Dusty** / Wet / Damp / Muddy / Flooded  
Access: Obstructed / **Not Obstructed** / Mud on Road / Ice / Slippery  
Wheel Cleaning: Washer / Spinner / Sweeper/ Quarry /  
Hose: In use / **Not in Use** / N/A  
Machinery: **Working** / Not working  
In correct position: **Yes / No** (screener sited outside of processing plant footprint) / N/A  
Stockpiles: Height = up to 5m  
Bunds: **Profiled** / Grassed / **Weeds – see below**/ N/A

**Actions needed from last site visit were recorded as below and results:**

**SRC**

- Bunds on site are now weed infested and thistles especially in seed this needs to be addressed as soon as possible. **Update: Internal bund alongside Slough Lane in excavation void has been stimed. Other storage mounds remain weed infested.**
- No burning should be taking place on site. **Update: To be monitored.**
- Surfacing programme for the site haul road south of Slough Lane to be completed and monitoring during heavy use/winter period to assess integrity. Alternative surfacing of concrete to be implemented if situation of

haul road deteriorates. **Update: concreting taken place from wheelwash to a short distance beyond bend where rest of track has combination of hardcoring and part normal track. Haul road has been graded to allow runoff into cut off ditch that extends most of length of track on western side. Former bunding mostly removed and replaced by lego style blocks. The three breaks into remaining bund leading to ditch not provided with grips.**

- Provision of the lagoon system needs to be addressed through appropriate scheme. **Update: Addressed.**
- Addressing silt removal from land behind RIA weighbridge. **Update: Partially completed with silt removed from north eastern side of hedge. Remaining silt adjacent hardstanding still in situ.**

#### RIA

- Surfacing programme for the site haul road south of Slough Lane to be submitted and timetabling of works to be agreed between both operators. (SRC and RIA) before next monitoring visit. **Update: Improvement works now undertaken.**
- Restoration/Aftercare scheme for submission by 20<sup>th</sup> March 2018. **Update: Schemes being progressed and Aftercare issues scheduled for discussion on site monitoring visit in October 2018.**

#### Inspection Results Summary:

#### SRC

- Processing yard quiet at time of visit with sharp and bunker sand stockpiles behind office and northern site boundary.
- Post and rail fence installed with ditch on in side of northern site boundary site. Small bund created nearer lagoons.
- Scrap car still on site behind workshop,
- Bagging of mineral taking place from bagging plant with associated stocks.
- Lagoon bunding has been raised and land in eastern end of stockpiling area continues to be cleared and levelled.
- Stockpiles adjacent lagoon at or above permitted height. At time of RIA site visit 31/10/18 this stockpile had increased in quantity and height.
- Some demolition rubble stockpiles in south eastern corner of stockpiling area whilst screener parked within central southern portion of stockpiling area.
- Stockpile in south west corner of stocking area could have benefit of lowering to prevent visual intrusion from road users.
- Tracking out of debris evident across Slough Lane between two site entrances. .
- Tipping of silt behind weighbridge addressed above. Operator awaiting capping programme on adjacent landfill site to accommodate this material.

- Trees recently planted along pipeline route are now competing with weed growth.
- Bunds on site are now weed infested with thistles. Perimeter bund on western side of excavation void trimmed on internal faces.
- Excavation void quiet with void mostly de-watered and excavation taking place around pump area with future programme to see northern and eastern banks being steepened. DH was questioned on stability aspect of steepening banks and it was clarified that banking would be in the steepened form for a short period before infilling progressed directly behind. During RIA site visit 31/10/18 the steepening of the northern bank behind RIA
- As previously noted, internal access track from excavation void back to corner near rumble strip has had ditches cleaned, side bund removed, surface of track made up of imported material and graded towards ditch to improve drainage. Side barrier protection now includes lego style blocks following bund removal along most of length. Remaining bund nearer excavation area. Breaks in bund need grips to prevent excess runoff into water body. At time of RIA visit 31/10/18 this had still not been carried out.
- Previously stripped area of land now likely to be left for a number of years. This area is separated from main void by stockpiling of material of silt/interburden nature. Area of previously deposited silt within northern corner of excavation area has evidence of activity either adding to or removing material. Again operator is reminded this is not a tipping /stockpiling location.
- At RIA site visit 31/10/18 tracking marks evident from ADT tracking across Slough Lane from south to north.

#### RIA

- Silt deposits still present within land parcel behind site weighbridge. DJ confirmed this to be used as part of contract between SRC/RIA for use early next year onto landfill site.
- Clay stockpile being reduced in height. Levels in north east corner of clay stockpile area now reaching final restoration level.
- Soil bund some 7-10 metres in from western hedgerow to demarcate standoff. Drainage lines to be provided on landfill side up to bund. Proposed working method along western hedgerow has been submitted and method of working with small excavator outside of tree canopy and hand digging beneath tree canopy was discussed on site. Determination of the submission will be undertaken post site visit.
- Restoration grading taking place over Cells 9A and B with capping completed on 9B and early next year on 9A..
- Bund along eastern boundary discussed and options for removal of some of the self set oak trees to donor sites within site. DJ to liaise with AW/TB.
- DJ explained that works would take place on northern site boundary behind litter netting location to allow regrading of the flanks of the cells

where evidence of settlement had created low points..

- DJ confirmed that a meeting had taken place recently with landowner and land agent to review restoration.
- Two experiences of odour in north east corner and mid way across northern site boundary on clay stockpile.
- New gas lines/wells to be provided across the recently restored areas
- Site compactor now sold and removed from site.
- Box scraper in use on clay stockpile.

**Actions to be taken before next site visit:**

**SRC**

- Weed infestation on bunds requires to be addressed.
- No burning should be taking place on site.
- Monitoring during the winter period of the suitability of the hard cored element of the access track to be monitored and alternative surfacing of concrete to be implemented if situation of haul road deteriorates.
- Addressing silt removal from land behind RIA weighbridge.
- Lowering of heights of stockpiles.
- .Along the breaks in the boundary bund between the internal haul road and ditch leading into waterbody for these breaks to have grips/small bund to be placed across them to mitigate contaminated haul road run off into the ditch.

**RIA**

- Amenity Aftercare scheme for submission by 31<sup>st</sup> January 2019.

**Note: The actions noted in this report are required in order to ensure adequate progress is made and to avoid potential enforcement action against a breach of planning control.**

**Date of next meeting 22<sup>nd</sup> January 2019 13:00 SRC 14:15 RIA**

**Date of report: 09/10/18 (SRC) 01/11/18 (RIA)**