

Site monitoring report

Please find detailed below the report for the site monitoring undertaken. If you should have any queries or require any photographs taken on site, please do not hesitate to contact me.

Site Name: Martell's Landfill, Slough Lane, Ardleigh

File Ref: 14.421.12

Operator: OPES MRF 2013 Ltd

Site Representative: Chris Morton (CM)

Shaun Long (SL) of Essex County Council.

Ben Peresson (BP) Environment Agency.

Visit no: 4 of 4

Date: 15/02/24

Time on site: 10:15

Time off site: 11:55

Monitoring Officer: T Burns Tel No: 03330136440

Site Co-ordinator: As above Tel No:

Permission no's:

ESS/30/16/TEN: Continued restoration.

ESS/42/22/TEN: Gas flare

Constraints:

● Weather: **Dry/ Windy / Rain / Snow**

● Noise

(officer perception): Acceptable/ Not acceptable / **N/A**

● Approach roads: Combination: Dry/**Damp** / Dusty / **Wet / Muddy** / Flooded

● Ground: **Combination** of Dry / Dusty / **Wet / Damp / Muddy / Flooded**

● Access: Obstructed / **Not Obstructed** / Mud on Road / Ice / Slippery

- Wheel cleaning: Washer / Spinner / Sweeper / **none** N/A
- Hose: In use / Not in Use / **N/A**
- Machinery: Working / **Not working**
- In correct position: Yes / No / **N/A**
- Stockpiles: Height = Perimeter mounds acceptable
- Bunds: **Profiled** / Grassed / **Weeds**/ NA

Actions from last site visit:

- Topographical Survey to include identifying and characterising on site stockpiles and their quantities. How this resource meets the remaining restoration material shortfall/surplus when set against the approved Pre Settlement Plan. **Update: Still outstanding under extant permission.**
- Working programme setting out defined timescale for achieving site reinstatement. **Update: Still outstanding under extant permission.**
- Amenity Aftercare scheme outstanding. **Update: Still outstanding.**

Inspection Results Summary:

Minimal breeze from south during visit.

Overall no commitment to progress restoration of the land has progressed since July meeting on site. Discussed with CM that requests for scenarios to be provided top address options for achieving site reinstatement including reduced contour levels and shorter time periods had, despite verbal request at the previous July meeting; discussions at previous site monitoring visits and also through Environment Agency CAR forms such schemes had not been progressed or provided.

CM advised due to weather they would be on with restoration works as soon as possible. Previous lack of plant appears to have been the cause for some of the inaction. BP reiterated that material movement within the site was allowed as had been explained in the July meeting and afterwards.

Site not working at time of visit. Site offices closed.

Fencing with blue colouring and company logo "BLU-3" erected next to weighbridge to form compound. CM confirmed this was for gas flare company.

SRC access around southern edge of storage mound adjacent recycling area was blocked by clay. JTB asked to pass message onto operator.

As reported previously eastern end of the historical clay stockpile remains at higher level. Result has been formation of two or three platforms stepping down towards the perimeter boundary. Contaminated fill/clay waste lifted previously from old cells 4/5 remains within north eastern corner of the clay stockpile.

At time of visit the stockpile/slip was being pulled back. Two machines (360's parked on haul road by rumble strip, and a D6 Dozer parked on neighbouring land to the east of the clay stockpile.) CM advised that drivers were due back tomorrow to continue work.

The clay slippage had previously advanced towards the lake and appears either it had previously entered the water or water levels had risen during the wet period and combination of both had seen material interact with the lake.

Remedial work had created a wider platform half way down clay stockpiles north eastern face. Material had been tipped on top of the clay stockpile creating further height increase. They had been a mixing of the previously excavated waste from cells 2/3 which had been placed on the north eastern corner of the clay stockpile. As a result of the remedial works this material had been mixed into the wider clay stockpile.

Gas flare operational.

Previous further tipping across parts of the eastern landfill area remains insitu. Apparently no grading work (as previously recorded in last monitoring visit) taken place here since material was tipped across the land last year. BP again advised this needs to be removed off the landfill footprint.

Number of wells that have depressions around them are water filled. Other extended pipework existing across the northern part of the landfill.

Perimeter ditches ponding around the manifold boxes. Stockpiles of material placed on eastern boundary that will also require removal.

Little work appears to have been undertaken since July/August last year.

Gas odour was quite evident on the eastern boundary at two points; between the 2nd and 3rd scavenger visible pipework in from the eastern site corner and parallel to the site boundary and also by the gas well head nearest the 4th Scavenger pipe work from the north eastern corner. This odour was evident despite the minimal breeze coming in from the south/south east. Previous odour at this well head spot had been evident from wind coming in from the west.

Gas odour also again recorded in south western corner near entrance to SRC void.

Rest of northern part of the site now having birch springing up across the cover surface and gorse on the land to the south.

Compliance with Conditions:

Planning Permission ESS/30/16/TEN whilst time expired had ongoing commitments to achieve restoration and these were expected to be progressed.

Permission/Condition No: ESS/30/16/TEN; 8

Scope of Condition and Action to be taken: See decision notice relates to ecology check prior to cell entry.

Action to be taken by Operator: Operator needs to assess the submission of the next ecological submission.

Permission/Condition No: ESS/30/16/TEN; 10

Scope of Condition and Action to be taken: Submission of topographical surveys

Action to be taken by Operator: Survey submission is outstanding.

Permission/Condition No: ESS/30/16/TEN; 43

Scope of Condition and Action to be taken: Scheme for Amenity Aftercare

Action to be taken by Operator: Scheme to be submitted.

Permission/Condition No: ESS/42/22/TEN; 5

Scope of Condition and Action to be taken: No ground disturbance until approved scheme to address Biodiversity Method Statement.

Action to be taken by Operator: Scheme required.

Permission/Condition No: ESS/42/22/TEN; 6

Scope of Condition and Action to be taken: Within 6 months a scheme for Biodiversity Enhancement Strategy.

Action to be taken by Operator: Scheme to be submitted

Permission/Condition No: ESS/42/22/TEN; 7

Scope of Condition and Action to be taken: No site preparation works until approved scheme for Protecting Existing Trees and Vegetation.

Action to be taken by Operator: Scheme to be submitted

Permission/Condition No: ESS/42/22/TEN; 10

Within 2 months of date of permission a scheme for Restoration and Landscaping.

Action to be taken by Operator: Scheme to be submitted

Actions to be taken before next site visit:

- Up to date Topographical Survey to include identifying and characterising on site stockpiles and their quantities. How this resource meets the remaining

restoration material shortfall/surplus when set against the approved Pre Settlement Plan.

- Working programme/s setting out defined timescale for achieving site reinstatement.
- Amenity Aftercare scheme outstanding.
- Outstanding schemes required by planning permission ESS/42/22/TEN.
- Clay/waste mixing in north eastern corner of the clay stockpile needs to have the waste material returned to the waste cell.
- Overtipping on the eastern site area to be removed in line with Environment Agency requirements.

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: 15th May 2024 @ 10:15

Report Date: 15/02/24