

# 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:** Colchester Quarry (including Stanway Hall Pit, Five Ways Fruit Farm; Bellhouse/Abbotstone Landfill and ECC land), Warren Lane, Colchester.

**File Ref:** 13.421.18/19

**Operator:** Tarmac; Enovert, ECC; SRC

**Site Representative:** For Tarmac; Dan Congton (DC). For Enovert: Graham Buckman (GB)

**Also attended by** Chloe Budd (Essex County Council Planning); Megan Cowell (County Landscape Officer)

**Visit no:** 4 of 4

**Date:** 21/03/24

**Time on site:** 08:45

**Time off site:** 13:45

**Monitoring Officer:** Terry Burns Tel No: 03330136440

**Site Co-ordinator:** As above Tel No:

## Permission no's:

Bellhouse and Abbotstone

- ESS/48/01/COL/R – Bellhouse Farm ROMP for LEX/266/69
- ESX/66/92/COL – Cory gatehouse, weighbridge and wheel wash.
- ESS/52/94/COL – Cory site accommodation and car park.
- ESS/65/98/COL – Cory offices.
- ESS/27/17/COL – Variation of Condition Operating Hours

- ESS/03/22/COL – Extension of time – Resolution to approve subject to completion of legal agreement.
- ESS/04/22/COL Section 73 - Resolution to approve subject to completion of legal agreement.

#### West of Warren Lane (Tarmac)

- ESS/104/20/COL & ESS/105/20/COL – Extension of time for office retention (expires 30/09/26).

#### ECC Land

- ESS/07/15/COL – Retention of post settlement contours
- ESS/86/21/COL – Power generation plant (located NW of Bellhouse) Expires 25 yrs from 06/12/21.

#### Stanway Hall Quarry

- ESS/24/00/COL – Power generation plant at Stanway Pit to utilise gas generated at Bellhouse landfill.
- ESS/09/12/COL – New generator, flare and back-up generator within existing electricity generation compound.
- ESS/09/12/COL/NMA.
- ESS/09/12/COL/NMA2.
- ESS/23/14/COL - Consolidation application, to extend into FWFF and to import inert waste material for restoration.
- ESS/29/14/COL – Prior approval for site office and welfare building at the Stanway Hall concrete plant.
- ESS/33/14/COL – New staff welfare building at DSM plant.
- ESS/31/21/COL – Clay removal.
- ESS/31/22/COL – CBGM plant Resolution to approve subject to completion of legal agreement.

#### Warren Lane Tunnel

- COL/758/89 – Construction of a tunnel under Warren Lane for conveying aggregates.

#### Five Ways Fruit Farm

- ESS/52/17/COL – Continuation of use of land for mineral extraction etc and to extend DSM plant operating hours. Granted 04/01/19.

Romp Date Due: ESS/52/17/COL 04/01/2034

- ESS/05/22/COL – Section 73 Resolution to approve subject to completion of legal agreement.

**Constraints:**

- Weather: **Dry with negligent wind/** Windy / Rain / Snow
- Noise (as perceived by officer):  
Acceptable/ Not acceptable / N/A – **see inspection result**
- Approach roads: **Combination of: Dry / Dusty / Damp/** Wet / Muddy / Flooded
- Ground: Combination of: Dry / Dusty / **Wet / Damp / Muddy** / Flooded
- Access: Obstructed / **Not Obstructed** / Mud on Road/ Ice / Slippery
- Wheel cleaning: **Washer** (Bellhouse side)/ Spinner / **Sweeper (operating along Warren Lane and Stanway haul road)/**none N/A
- Hose: In use / Not in Use / **N/A**
- Machinery: **Working** / Not working
- In correct position: **Yes** / No / N/A
- Stockpiles: Height = various levels across all sites where applicable.
- Bunds: **Profiled** / Grassed / weeds / NA

**Planning Condition Actions from last site visit:**

ECC Land

- Drainage ditch on northern site boundary at junction with ECC Land/Footpath entrance to be assessed for suitable gradient to enable water to be channelled westwards and not overtopping and impacting onto the land to the east. **Action: This is retained on the report to assess the situation during appropriate weather conditions. During monitoring visit ditch was holding water in places but no signs of overflow onto northern footpath**
- Tree guards along Warren Lane boundary and within site, where necessary, to be cleared. **Update: Still awaited.**

Enovert:

- Program and action on the ground towards progressing the Abbotstone North land into aftercare. **Update: Still awaited.**
- Compound area to be screened banded if being retained past next monitoring visit and bunding to obscure view of highest plant/machinery within. Mobile screener to be removed off skyline. **Update: “Compound” atop the highest point has in effect being relocated to the base of the high ground positioned along the haul road before the access track drops to cells**

**11/12. Mobile plant are still parked on the highest elevation. GB advised plant being moved off this area in next few weeks as capping programme extends northwards.**

Tarmac:

- Tightening up of sheeting condition requirement and state of nets being used. **Action: Kept on record as reminder and for clarity on what measures being taken.**
- Operator needs to be satisfied that an appropriate walkover survey has been undertaken by appropriate person/ecologist to confirm that no habitat/species likely to be impacted during the tree felling/ground clearance works on the land immediately north and north west of the main processing plant and main drainage ditch and alongside the previously started new lagoon feature. **Action: For operator to ensure.**
- DSMP plant external arrangements to be addressed. **Update: Still awaited.**
- Outstanding conditions for the Cement Bound Granular Plant to be actioned. **Update: Agent has been actioning.**
- Regularising of the SISK compound area. **Update: Mostly now in compliance. Tidying works require actioning see below.**
- Management and maintenance for the tree planting areas. **Update: See below.**
- Tightening up of the cleanliness of the internal haul road and tracking onto Warren Lane. **Update: Highway mostly clean. There was carry out of stone onto the internal haul road and accumulation of stone both on road and along kerbside immediately outside Sisk entrance.**

SRC Parcel

- The need for appropriate height markers once infilling begins to ensure correct infill levels are adhered to within the Stanway southern void area. **Update/Action: To be placed as soon as.**
- Provision of planning permission/approved plans to be available on the site. **Action: To be confirmed next visit.**
- Clarity and programme for address established ecological interests before clearance of further ground in void area. **Action: Kept on record for operators actioning.**
- Tightening up of the cleanliness of the surface post rumble strip and wheelwash to remove debris before it re-contaminates wheels and then tracking then carrying this out onto main site haul road and onto Warren Lane. **Update/Action: Kept on to remind operator.**

All

- Clearing tree guards that are damaged/broken/clearly not needed/damaging tree by being too tight and cutting into bark and those littering ground around hedgerow bases and trunks throughout site perimeter to be undertaken around perimeter

boundaries of the various land parcel interests. **Action: Kept on record as operator reminder.**

- Maintaining road cleanliness. **Action: Kept on record as operator reminder.**
- Can we all ensure vehicles are clean, and where appropriate sheeting is enforced (as well as state of sheeting that if in state of disrepair this matter is reported to visiting driver/company and what procedure in place to monitor/police) before exiting onto Warren Lane and that any potential for tyre carry out/discharges from vehicle loads is avoided. **Action: Kept on record as operator reminder.**

For Bellhouse;

Permission/Condition ESS/27/17/COL. No: 13 Noise Monitoring Scope of Condition and Action to be taken: Periodic monitoring to be undertaken, see decision notice **Action to be taken by Operator: scheme to be submitted.**

Permission/Condition ESS/27/17/COL No: 21 Allowance Levels Scope of Condition and Action to be taken: Settlement surveys to be submitted, see decision notice **Action to be taken by Operator: Settlement surveys to be submitted.**

For Tarmac Bellhouse side:

Permission/Condition ESS/03/22/COL Conditions 4 (Biodiversity) – Scheme within 4 months of permission date. **Action to be taken by Operator: Scheme submission required.**

Permission/Condition ESS/03/22/COL Condition 6 (Sensitive Lighting) Scheme within 6 months of permission date. **Action to be taken by Operator: Scheme submission required.**

Permission/Condition ESS/03/22/COL Condition 14 (Noise Monitoring) Surveys yearly and Quarterly. **Action to be taken by Operator: Scheme submission/s required.**

Permission/Condition ESS/03/22/COL Condition 24 (Landscaping) Scheme within 3 months of permission date. **Action to be taken by Operator: Scheme submission required.**

Planning applications – resolution to approve subject to legal agreement for the following three applications:

ESS/04/22/COL (Bellhouse)

Condition 27 (Noise Monitoring) As per previously approved frequency.

Condition 29 (Dust) As per previously approved frequency/action.

ESS/05/22/COL (Five Ways)

Condition 26 (External Lighting) Prior to CGBM plant commissioning.

Condition 29 (Noise Monitoring) – Quarterly

Condition 45 (Surface Water) Within 12 months of soil replacement.

### **Inspection Results Summary:**

#### **ECC land**

- Within main site, all 4 leachate lagoons operational.
- Despite previous rain the access track leading up to the compound not flooded and little ponding within lower field alongside road noted.
- Andrew Brown had advised prior to visit that work had taken place to begin bramble tidying in north eastern corner of northern field.
- Northern ditch line has holding water in places.
- Tree guards remain for removal along eastern site boundary and eastern pond area.
- Ponding continues to form small water body alongside self set trees within southern half of southern field.
- Some pipework sunken below ground. AB to continue sinking of pipework in spring.
- Smell of methane evident in south eastern corner of southern field.
- No cattle/sheep on site at present.
- Water holding in pond area to east. AB looking at options for release of excess.
- PROW around site accessible and unobstructed.
- Gas compound area visited. Machinery working.

#### **Enovert - Bellhouse Quarry/Landfill**

- Highway outside site clean although visible tracking marks on road surface through the fine dust/dirt on the highway was apparent but not unacceptable.

- HGV's and dust carts visiting but at time of visit noticeably quieter than previous visits.
- Stockpile of overburden left by Tarmac being utilised within site for cover material.
- Traffic tipping off highpoint and onto central area behind southern face. Material being used to fill low spots. Intention to continue infilling/grading out of depressions and work north eastwards off higher elevation back along haul road. Placing of liner to be undertaken progressing north over summit to link with existing liner further north. This would necessitate removal of soil stocks currently placed on the higher elevations.
- GB considering options for either permanent or use of temporary plastic lining of the northern and north western slopes.
- Site perimeter outside site mostly clear of wind blow although some evidence of wind blow in tress alongside Cell 10.
- Internal ditch on eastern side of the site alongside the haul road opposite wheelwash was filled with water and litter.
- Abbottstone North area viewed from PROW. Next visit will be walk over.
- Cell 11 broken into A and B. Effectively infilling started in 11A . Likely last a year to work through 11B. Cell 12 now running parallel to Tarmac offices. Grading works being undertaken on base. Sump feature retained in the northern half of Cell 12. Tarmac have now vacated this land parcel.

### **Stanway Hall Farm Quarry Land**

- Access entrance off Warren Lane similar to that reported for Enover above.
- Enover's Gas compound area gas engines running. Some visiting vehicles.
- SISK compound entrance see above comments on carry out of stone.
- Litter deposited over their fence between compound and quarry internal haul road. Litter pointed out to DC.
- Footprint of the Sisk activities mostly in line with planning approval. However debris/rubbish/miscellaneous items of piping/pallets etc appearing outside of the marked compound area beyond bund on western side near the CBGM plant footprint.
- CBGM plant operational. Noisy machinery noted. DC thought it may be auger and will address matter.
- Low loader servicing hoppers into plant from northern most stockpile where crushing and processing being undertaken with 360 excavator on stockpile above perimeter bunding and feeding into processing plant hopper.
- Again, as from last few monitoring visits most tree guards around Stanway site had been cleared, others remained to be removed where appropriate. These are particularly noticeable in the two mature woodlands behind maintenance shed and weighbridge.
- Processing plant operational. Mineral now being brought down from the Five Ways land as all Bellhouse mineral now processed.

- Clay lining of north western slopes to be completed and remaining mineral in two parts of the western face comprising about 40,000 tonnes and 300,000 tonnes remaining. Haul road then to be worked backout.
- Western lake area now being created and holding in its present state a large waterbody.
- DSM plant operational but not visited this time.
- DC advised concrete batching plant now mothballed. Number of mixer trucks parked up alongside plant.

### **SRC Activities**

- Infilling continuing within western void area. Levels now raising up and tipping continues to be graded out by on site dozer.
- Clay liner extends as previous visit about half way up western side wall; on southern wall it reaches just short of top of slope.
- Water collecting between western batter wall and advancing tipping.
- Wheelwash and rumble strip appeared operational. Sump area did not have much water within it.
- One HGV parked up and left during visit.
- Access road out to quarry main haul road appeared clean at time of visit.

### **Compliance with Conditions:**

For Bellhouse;

Permission/Condition ESS/27/17/COL. No: 13 Noise Monitoring Scope of Condition and Action to be taken: Periodic monitoring to be undertaken, see decision notice **Action to be taken by Operator: scheme to be submitted.**

Permission/Condition ESS/27/17/COL No: 21 Allowance Levels Scope of Condition and Action to be taken: Level surveys to be submitted, see decision notice **Action to be taken by Operator: Levels to be submitted.**

For Tarmac Bellhouse side:

Permission/Condition ESS/52/17/COL No: 28 Noise Monitoring: Scope of Condition and Action to be taken: Periodic monitoring **Action to be taken by Operator: Periodic noise monitoring reports required on a three-monthly basis.**

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

Enovert:

- Program and action on the ground towards progressing the Abbotstone North land into aftercare. .

Tarmac:

- Tightening up of sheeting condition requirement and state of nets being used. **Action: Kept on record as reminder and for clarity on what measures being taken.**



- Operator needs to be satisfied that an appropriate walkover survey has been undertaken by appropriate person/ecologist to confirm that no habitat/species likely to be impacted during the tree felling/ground clearance works on the land immediately north and north west of the main processing plant and main drainage ditch and alongside the previously started new lagoon feature. **Action: For operator to ensure.**
- DSMP plant external arrangements to be addressed.
- Outstanding conditions for the Cement Bound Granular Plant to be actioned.
- Regularising of the SISK compound area.
- Management and maintenance for the tree planting areas including tree guard removal from all planting areas around quarry including the mature woodland behind maintenance shed and weighbridge.
- Tightening up of the cleanliness of the internal haul road and tracking onto Warren Lane.

#### SRC Parcel

- The need for appropriate height markers once infilling begins to ensure correct infill levels are adhered to within the Stanway southern void area.
- Provision of planning permission/approved plans to be available on the site
- Clarity and programme for address established ecological interests before clearance of further ground in void area.
- Tightening up of the cleanliness of the surface post rumble strip and wheelwash to remove debris before it re-contaminates wheels and then tracking then carrying this out onto main siter haul road and onto Warren Lane.
- Waterbodies within eastern void visited and noted as having established vegetation and holding wildlife. As reported previously these areas will need appropriate ecological surveys before being disturbed.

#### ECC Land

- Drainage ditch on northern site boundary at junction with ECC Land/Footpath entrance to be assessed for suitable gradient to enable water to be channelled westwards and not overtopping and impacting onto the land to the east. **Action: This is retained on the report to assess the situation during appropriate weather conditions.**
- Tree guards along Warren Lane boundary and within site around lagoon system, where necessary, to be cleared.

#### All operators

- Clearing tree guards that are damaged/broken/clearly not needed/damaging tree by being too tight and cutting into bark and those littering ground around hedgerow bases and trunks throughout site perimeter to be undertaken around perimeter

boundaries of the various land parcel interests. **Action: Kept on record as operator reminder.**

- Maintaining road cleanliness. **Action: Kept on record as operator reminder.**
- Can we all ensure vehicles are clean, and where appropriate sheeting is enforced (as well as state of sheeting that if in state of disrepair this matter is reported to visiting driver/company and what procedure in place to monitor/police) before exiting onto Warren Lane and that any potential for tyre carry out/discharges from vehicle loads is avoided. **Action: Kept on record as operator reminder.**

**Date of next meeting:** 20/06/24

ECC: 09:00

Enovert: 09:45

Stanway: 11:30

Stanway SRC: 13:15

**Date of report:** 21/03/24

**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.**