

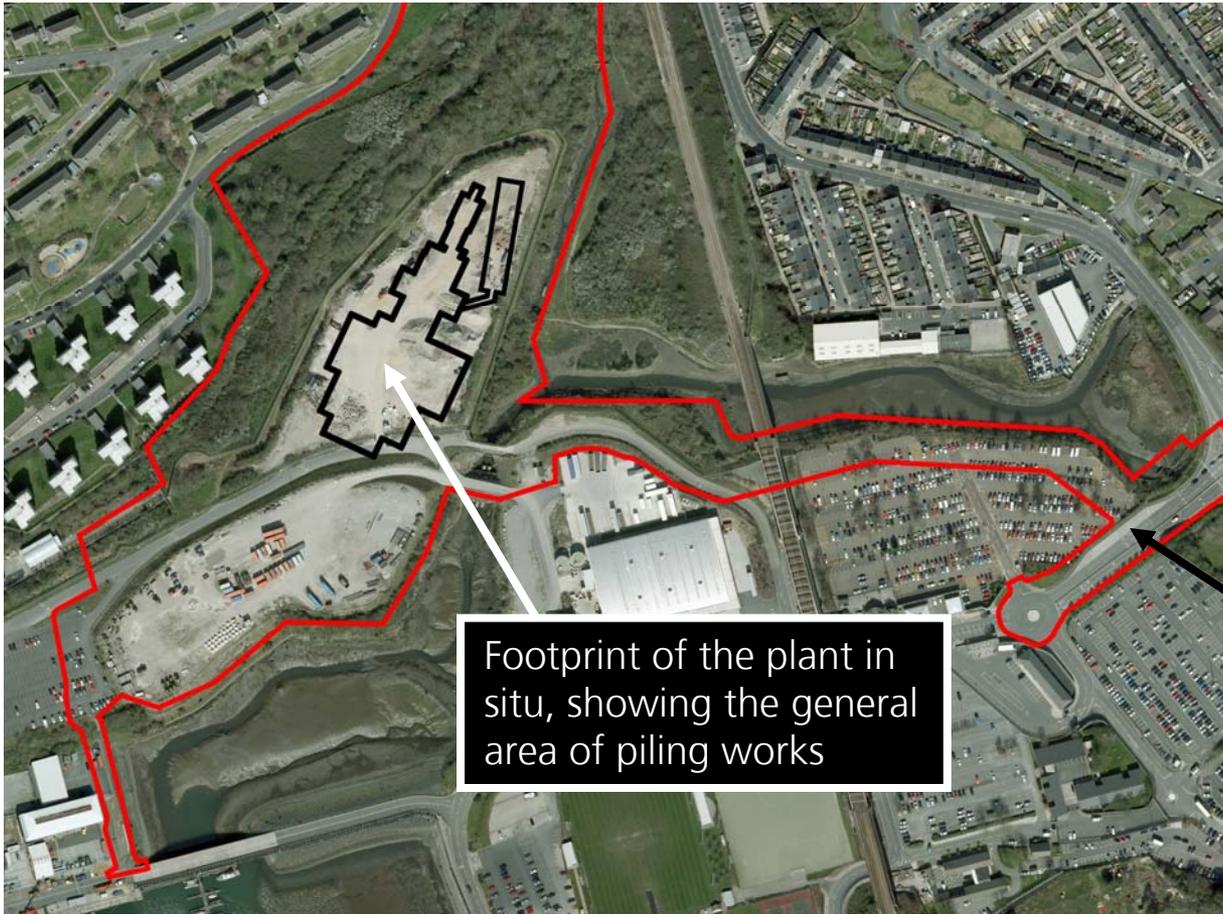


SWDWP PFI Project – Devonport Energy from Waste Combined Heat and Power Facility

ILC Update on Site Works and Mitigation Measures

11th October 2012

Construction news – working to minimise disturbance



▶ Piling and foundations

▶ Concrete slabs (floors)

Footprint of the plant in situ, showing the general area of piling works

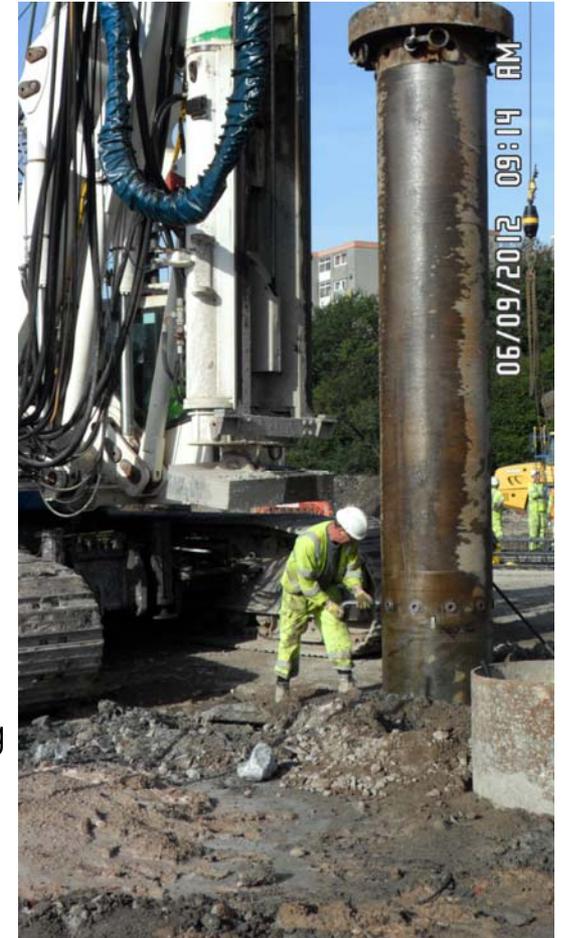
New traffic lights control the right turn junction into the access road

The second construction newsletter was distributed locally

Piling rigs – CFA (continuous flight auger) and rotary bored



▶ CFA rig



▶ Rotary bored rig

More rigs mean that the overall piling time is reduced

Noise – what is being done



- ▶ Static plant is shielded on the residents' side of site
- ▶ Concrete is pumped from behind an acoustic barrier

Mitigation measures in place

Further noise mitigation measures – mobile plant



▶ Temporary acoustic barriers

Portable acoustic barriers are being used

Acoustic barriers – moving and using them



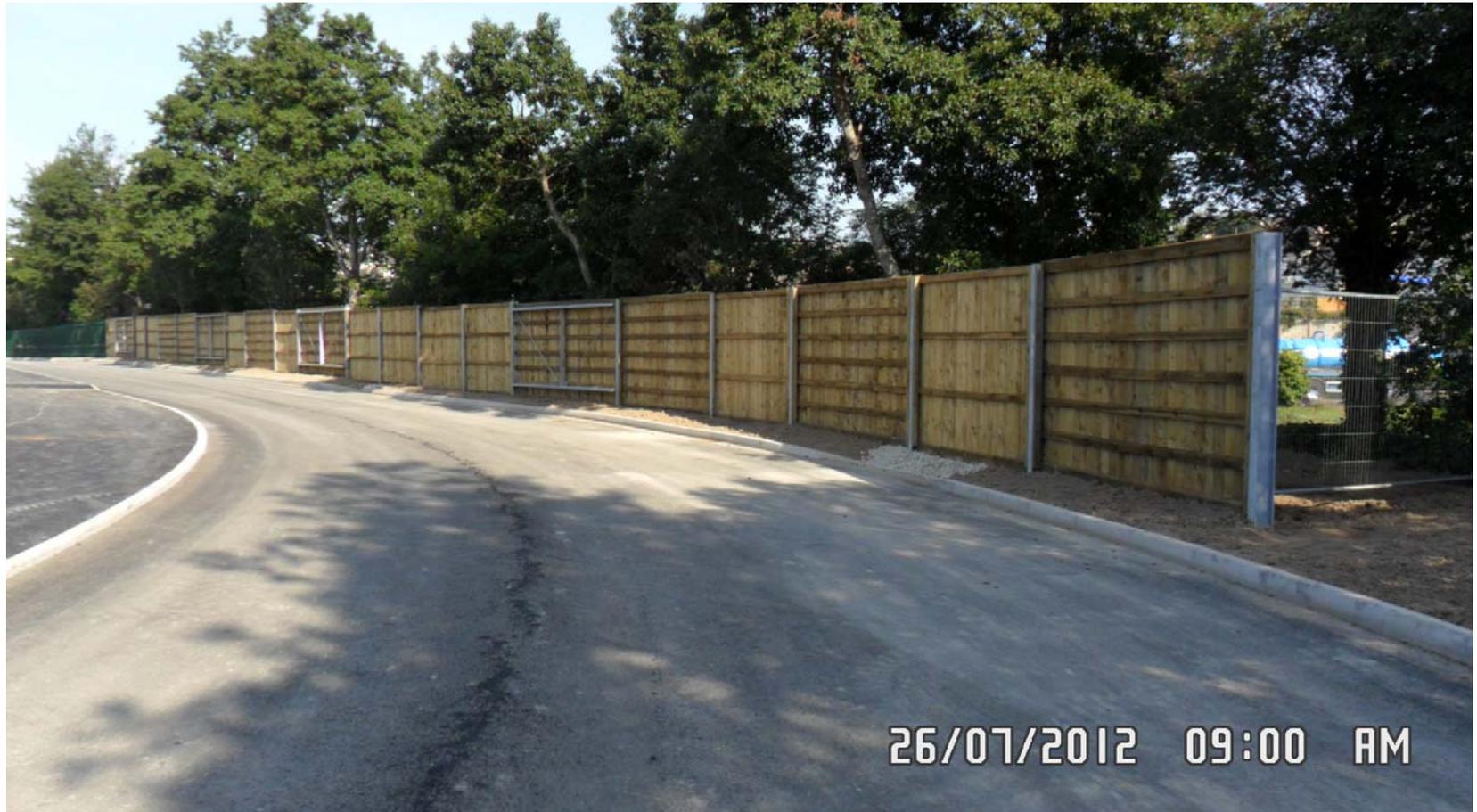
- ▶ Using a tractor to move the barriers

- ▶ Using the pressure washer for cleaning



Effectiveness is monitored regularly

New access road – permanent acoustic barrier



This will minimise operational noise from delivery vehicles

Mud and dirt from site – keeping the public highways clean



- ▶ All construction vehicles leaving site pass through here
- ▶ Pressure washers are also available

Wheel wash facilities

Dust – suppression techniques



▶ The bowser is deployed across large, flat areas

Used during periods of dry weather

Dust – dealing with trickier areas



- ▶ Keeping stockpiles damp

Other techniques

Update of works on site so far – Considerate Constructors Scheme



- ▶ Raising the profile of the construction industry
- ▶ Offering education and information

- ▶ Communicating with the general public
- ▶ Working with communities

- ▶ Our report is available on our website at mvvuk.co.uk

January 2012
www.ccscheme.org.uk

MONITOR'S SITE REPORT

ID: 00531	Visit no. for this registration	1st
Project name Devon Port EPW CHP		
Contractor		On site contact name
MVV C&M		Jürgen Fozz/SM/Tim Roberts/HS/June Ford Craig Small (Vice)
Site description and location New build of combined heat & power plant to produce energy from waste converted to divert waste being sent for landfill. Several councils involved sending waste to provide local environmental benefits. Works located near to residents, alongside side Royal Naval base on out skirts of Plymouth city.		
Observations and Comments		
1. Considerate	4.5	CCO heavily involved in ensuring residents & those affected are provided with regular up to date site activity & programme details open days, pre-let consultations with shops & personal visits made. Access existing works in progress with barriers in place to ensure passage past works area. Existing road names clear, no diversions created. Unloading carried within boundary, good site parking provided & water & drainage. Off site TMR provides details of delivery details & best routes. On site details discussed during induction & displayed. Designated unloading unloader provided with comfort facility & anti-sinking details displayed. Clear access to site accommodation & suitable for all abilities provided.
2. Environment	5	Environment documentation displayed, ops advised about asbestos & silica in land, currently all energy used run from diesel gen, consumption of fuel & water recorded. Office waste segregated & recycled, project designed to achieve 100% of its fit PC → COC for all tender use. SMART waste system & a further 3 bins segregated on site. Site environ champion carries out environ controls & assessments, alternative energy under review. TPO, water course protection, & reptile re-homing programme. Site is providing a new FCC natural wet filter habitat to support local wild life. SM monitors to prevent noise air pollution, 50% local materials in use. Environ champ covers environ TBT, site tool print & COC emission, & embedded energy considerations. SM arranged FCC site to clean local crops of weeds & all built up which also will now allow for local wild life to regenerate.
3. Appearance	4.5	Good T&M impression, clean tidy well maintained hardstands, perimeter clear, routine litter picks carried out, roads & access clean, no mud on roads. Office & welfare areas appeared clean & hygienic, cleaning schedules & daily checks. Work areas appeared well organised. Stairs correctly used & covered. Dust suppression equipment maintains dust control. Plant & material appear well stored proving a good impression. No graffiti/vandals evident. All advice all ops during induction of site standards required & ensures they are met, ops also seems to ensure site provides a good image of our industry at all times.
4. A Good Neighbour	5	Flexible working times for particular tasks assists to avoid inconvenience to local residents, CCO maintains good relation ships & provides advance notice of site activity, contact details provided & displayed, CCIS & site comments system in place. SM deals with any issues & feeds back to site as required. Ops are advised of complaints. No priority issues. CCO actively involved in community/public relations providing a 3 lap loop to disadvantage to support local work groups in finding improved opportunities. Charitable donations made to support local primary school to regenerate local playing fields. No issue with site lighting. 24 hr contact details displayed. Site management ensure site remains a positive influence in the area.
5. Respectful	4	Good welfare facilities, well equipped & located & screened in segregated accommodation area, satellite units used near work areas. Ops appear professional, cover up policy in place. Induction includes section on COC requirements, no smoking, smoking or use of offensive material. No radios or unauthorised use of cameras, mobile phones used in non construction areas only. Changing room & changing room provided, female facilities & facilities suitable for all abilities provided, no shoe lockers or shower provided. Ops must be in clean dress if using public facilities. Breaks taken out of public view. Company branded work wear in use, clean T&M for visitors. Sun exposure advice provided during induction.
6. Safety	4.5	On site safety manager in place who implements CHIRP along with reviews & audits. Site accommodation in in own secure compound segregated away from construction areas. Signage prominently displayed around site boundary where pedestrians of boundary security requirements 228 works near to site remain in progress & appear well controlled. Plant movement escorted & banked. No unsafe taking more issue. Accident reporting policy in place. Near miss & suggestion scheme encouraged. Safety alerts displayed, cross over points in construction zones. Team bringings held daily. Safety express bulletins displayed, voucher reward scheme for safety. Emergency action & contact details displayed.
7. Responsible	4.5	A&E info provided during induction along with route directions displayed. Specific T&M areas on site with identification displayed & general awareness of T&M requirements available & location of T&M areas. Ops & all site resources. Visitors involved & escorted when on site. Inductions site specific. Ops trade skills & CSCS details recorded, medical conditions reviewed & info available in an emergency. Visitors sign in & CSCS checked. Overlap training sessions to other sites held provided CSCS, deliveries monitored by permanent signman. Visits to Plymouth City college electrical dept made. CV from students encouraged to work on site. Company apperances in place, apps working on site. Equip use encouraged, female driver working on site. CHIRP well displayed. CHIRP policy with info provided during induction, info of site on MVV website.
8. Accountable	4.5	Site team very aware of COC scheme requirements & ensure they are met COC positions & barrier very prominently displayed with correct information. Any one attending site are made familiar with scheme during induction. Training needs recognised with company multi. On site training provided. Place multi fit. Addressed awareness. Fire safety Company contact details prominently displayed. COC activities the developed with appointed person in charge of the Company management very supportive in assisting the achieve high levels of scheme performance, along with client who also assist with promoting benefits of registration. City companies are advised of scheme & site requirements in advance.
Total (out of 40)		
45.5		
Summary and conclusions		
Site team has worked together to achieve a very high standard of COC compliance, good team working on separate areas of overhead has benefited. Site appeared well organised, some further examples of site initiatives will be very interesting to see how they will be developed, excellent links with community who seem to be aware about project, great efforts to assist local school school.		
Any photos taken	No	Date of visit 10.07.12
Monitor's name	Richard Gilmore	SIGNED:
Score per section	Score references	Score per section
1	Major non-compliance	4
2	Minor non-compliance	5
3	Compliance	6

Our first monitoring visit was very successful



Thank you for listening –
Do you have any questions?

Jane Ford

Community Liaison Manager

Tel: 07876 135632

Email: jane.ford@mvvuk.co.uk