

Corrib Gas Development

Report for PMC Meeting Dated 11th May 2005

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Roads and Transportation

Roads

To date the following progress has been made;

- The L1204 has been surface dressed.
- Installation of Safety barriers in accordance with the Safety audit has commenced.
- Repairs to sections of the R314 and the L1204 have been carried out by Shell E&P Ireland's contractor in accordance with condition No. 11 of the An Bord Pleanala's schedule of conditions .

In the coming week the following works are proposed;

- Continuing the implementation of measures associated with the safety audit,
- Surface Dressing the R314 section of the haul route.
- Relining the entire length of the haul route.

Transportation

Material being brought to the sites is being transported in accordance with the Traffic Management Plan prepared by the developer as part of the planning process. The transportation is being monitored by Mayo County Council daily.

Peat haulage from the site commenced on Monday 18th April 2005 but was suspended on Monday 25th April following three incidents where trucks transporting peat left the road at the locations outlined on the attached map.

At a meeting at the Bellanaboy site on Tuesday 26th April 2005 attended by representatives of Shell E&P Ireland and Mayo County Council it was agreed that peat Haulage would be suspended until the following issues were dealt with;

- Shell E&P Ireland and their contractors undertook to provide Advanced Driver Training by the Institute of Advanced Motoring to all its drivers commencing with the peat haulage team.
- Shell E&P Ireland undertook to carry out repairs/upgrading work to a section of the R314 in accordance with Condition 11 of the planning permission.
- Shell E&P Ireland undertook to carry out a full audit and update of the Traffic Management Plan.
- Shell E&P Ireland asked Mayo County Council to bring forward the Surface Dressing of the haul route from the planned starting date of May 16th 2005.
- Shell E&P Ireland asked Mayo County Council to agree a schedule of works with their consultants relating to the Safety Audit.

It is anticipated that all the above issues will be dealt with in the coming days and that peat haulage will resume during week commencing 16th May 2005.

Bellanaboy Bridge Site

Report to the Project Monitoring Committee

11th May 2005

WORK CARRIED OUT DURING APRIL

- Perimeter fencing is ongoing
- Tree and scrub clearance has been completed
- Construction of the brashwood windbreak commenced
- Main access road has been widened and piling along the main access road and the EW terminal access road commenced
- EW access road from Gate 2 has been widened and lay-bys constructed
- Wheel wash installed and operational at Gate 1 and Gate 3 (settlement pond exit)
- Sheet piling around terminal perimeter and administration building base almost completed
- Construction of the administration piling platform commenced
- Bog mat road completed around the terminal footprint
- TCF completed and collection drain from TCF diverted to the main settlement ponds.
- Peat from the eastern access ramp and the north eastern corner of the terminal excavated and located on the TCF for windrowing prior to export to Srahmore
- Peat export to Srahmore commenced
- Central Spine access between settlement ponds installed. Wailings and struts constructed in settlement ponds.
- Northern Settlement pond excavation commenced.
- Perimeter fencing will be completed
- The carrier drain from the terminal footprint to the settlement ponds will be constructed
- Construction of the EW terminal access road and the administration area will be completed
- Peat excavation and export to Srahmore will continue
- Mineral soil and rock excavation will commence
- Mineral soil stabilisation will commence to prepare the fill material

ENVIRONMENTAL REPORT

Dust – The results for the last monitoring period (02nd March to 01st April) were between 14 and 16 mg m² per day averaged over a 30 day monitoring period. The Threshold level is 350 mg m² per day averaged over a 30 day monitoring period. Result for the monitoring period 01st April to 04th May will be presented in next month's report.

Fuel – Approximately 88,500 litres of fuel was delivered to site during the last reporting period

Noise - Noise monitoring is undertaken on a daily basis on site. The measurements are taken in the vicinity of the settlement ponds and at other various locations on site and are averaged over measurement periods of varying durations. Most measurements are taken over a 12 hour monitoring period to coincide with the working hours on site. However, continuous noise monitoring is not always possible due to inclement weather. All noise levels recorded

2 MONTH LOOK AHEAD

- The brashwood windbreak will be completed

were below the threshold level of L_{Aeq} 65dB with the highest recording being L_{Aeq} 63dB at N1 on 05th April.

Traffic – There were 2584 HGVM movements during the month of April.

Waste - There was 56m³ of solid non-hazardous waste generated and removed from site in the last reporting period. No hazardous waste has been removed off site to date.

Approximately 480 gallons and 30,000 gallons of liquid waste were removed off site from the portable toilets and the waste water tanks (canteen, etc.) respectively during the month of April.

Water quality - Groundwater and surface water quality monitoring continued in April.

A summary of main surface water parameters measured (range of lowest to highest):

pH

5.09– 7.79

Temperature (°C)

5.3 - 12.8

Suspended solids (mg/l)

<4 – 237.0

Phosphate (µg/l P)

<10.0 – 334.0

Conductivity (mS/cm)

168 - 335

Dissolved Oxygen (% Sat O₂)

31 - 95

Turbidity (mg/l)

<1.00 – 145.0

Nitrate (mg/l NO₃)

<0.44

A summary of the main groundwater parameters measured (range of lowest to highest):

pH

5.71 - 6.21

Temperature (°C)

10.0 - 12.6

Conductivity (mS/cm)

275 - 505

Dissolved Oxygen (% Sat O₂)

<1 - 20

Total Dissolved Solids

131 - 331

Vibration monitoring – Vibration monitoring is carried out on a daily basis by alternating the vibration meter between monitoring locations V1 and V2. Results have shown that peak displacement measurements are usually as a result of one off small vibration event that fall into the range of 0.006mm to 17.8mm.

Complaints – A number of complaints were received since the last meeting of the PMC – Two complaints were received regarding increased noise levels, one regarding discolouration of water within a perimeter drain. Six complaints were recorded relating to the traffic movements along the haulage road. All complaints were investigated by SEPIL.

Incidents – There were four environmental incidents and one near miss in the last month. Details of these are:

There was an overflow of wastewater from a tank on the eastern edge of the site compound. The toilet block was immediately closed and the source of the leak investigated. It was identified that a greater storage capacity was required. A new second tank has now been installed and daily checks undertaken. **Status – Closed.**

There was a diesel leak from the generator at D12 on to the topsoil. The generator was immediately shut down and the spill was investigated (a loose cap on the diesel tank). The spill was cleaned up using spill kit material.

Status – Closed.

Elevated suspended solids above the threshold level were recorded in DS1 as a result of a partial drain collapse. The culvert was replaced and samples were collected for analysis. The drain was monitored to ensure that there was no significant impact on the receiving environment. **Status – Closed.**

Elevated suspended solids were recorded in D16 due as a result of run-off from the newly constructed lay-bys along the R314 during a heavy rain event. Samples were collected for analysis and the drain was monitored to ensure that there was no significant impact on the receiving environment.

Status – Closed.

A diesel spill occurred due to the relocation of fuel bowser and an associated generator. This was immediately cleaned up using oil spill materials. There was no capacity for an environmental impact as the spill occurred on an area of hardstanding and therefore has only been recorded as a near miss. **Status – Closed.**

BORD NA MÓNA

BORD NA MÓNA ENERGY LIMITED

**Srahmore Peat Repository
WL 199-1**

Environmental Management System Up-Date No. 4 (10/05/05)

- An Environmental Protection Agency Inspector carried out an inspection of the facility on the 27th April. The Environmental Management System was inspected and audited in the morning and all environmental controls, monitoring equipment, silt ponds, etc were inspected in the afternoon. Generally speaking, the EPA was satisfied with the operation and management of the facility and will be issuing an inspection report shortly.
- Training for an oil spill response crew will take place next week, provided by SSI Environmental Ltd and will target management and supervisory personnel.
- The bergerhoff dust gauges were changed last Tuesday, after being exposed for 28 days. New bottles have been installed.

- **Incidents:**

A burst hydraulic oil line from a peat haulage lorry was responsible for an oil spillage which occurred on the site on the 22/04/05.

All the oil was cleaned-up with no oil getting to the grit-trap, oil interceptors, silt ponds or receiving water. The oil spill was cleaned up using adsorbent mats, and pads from the oil spill kit. Approximately 80 litres of oil leaked out and was noticed immediately on the dry concrete pad. A peat bund was immediately constructed around the spill and the responsible persons were contacted. Clean-up commenced within 15 minutes of the incident. Any remaining oil staining on the yard was washed through the grit trap and 3 full retention oil traps. All materials used in the clean-up were gathered up and bagged or containerised for collection by the Atlas Oil Ltd. The outlet from the three oil interceptors, and the main outfall were inspected, but no evidence of oil was recorded. Details of this incident were reported the EPA (SR-EI 001)

Exceedance in the Emission Limit Value (ELV) associated with the composite sampler located at SW4 (Location 7). Suspended solids result of 65 mg/l for 17/04/05. The result for the 7 days before and after the 17th show all results to be within the ELV as specified by Condition 4 of Waste Licence W199-1. A Corrective Action Report was submitted to the EPA (SR-CA 001), with copies forwarded to Mayo Co Council & North Western Regional Fisheries Board.

SRAHMORE SITE

Report to Project Monitoring Committee

WEEK No. 21

From: 13th April 2005

To: 11th May 2005

1. KEY HIGHLIGHTS

The following operations are **ongoing**:

- Environmental Controls.
- Deposition ramp up period suspension.

2. RESOURCE USAGE

PERSONNEL:

BnM (Support)	8	General Operatives	6	Security	4
BnM (Engineering)	2	Fitters	5	Environmental	1
Head Offices Staff	2	Electricians	1	Archaeological	-
Site Offices Staff	2	Site Supervisors	4	Canteen	1
Drivers	80	Contractors			

TOTAL EMPLOYED 116

OPERATIONS DIESEL USAGE:

Date	Qty Delivered (litres)
16/04/2005	8,064
21/04/2005	5,845
25/04/2005	4,668

18,577

3. PROJECT PROGRESS

- 9,476 tonnes delivered to Srahmore site.

Date	Delivery Data	
	Road Deliveries	Tonnes
18/04/2005	57	1,411
19/04/2005	90	2,141
20/04/2005	39	899
21/04/2005	51	1,189
22/04/2005	103	2,462
25/04/2005	58	1,374
Grand Total	398	9,476