

---

**From:** Niamh Murray [mailto:niamhmurray@Wellman-Intl.com]  
**Sent:** 16 October 2012 12:34  
**To:** Orla Harrington  
**Subject:** RE: Emissions to surface water

Hi Orla

The grid references for the emission points are as follows:

- (i) SWDP1 271568E, 285147N
- (ii) SWDP2 270380E, 285230N

The grid references for the monitoring points are:

- (i) M/000/S (for SWDP1) 271561E, 285137N
- (ii) M/235/S (for SWDP2) 270400E, 285230N

Regards

Niamh

---

**From:** Orla Harrington [mailto:O.Kingston@epa.ie]  
**Sent:** 16 October 2012 08:55  
**To:** Niamh Murray  
**Subject:** RE: Emissions to surface water

Hi Niamh,

Can I get Grid references for both the **monitoring point** and **point of emission** for both discharges from the site :

- a. Treated effluent & storm water & cooling water (SWDP1)
- b. Storm water (SWDP2)

This information will be put in the licence in order to have exact location for monitoring and emission to water,

Regards,  
Orla.

---

**From:** Niamh Murray [mailto:niamhmurray@Wellman-Intl.com]  
**Sent:** 12 October 2012 12:56  
**To:** Orla Harrington  
**Subject:** Emissions to surface water

Hi Orla

Our main emission to surface water is at SWDP1, which is the weir in the river. This consists of our final treated effluent, an insignificant volume of non-contact cooling water and storm water run-off from all areas of the site, with the exception of the silo farm area and a small section of the yard beside the warehouses.

The non-contact cooling water is from an overflow drain from a closed loop system on an Air Wash Chamber (there is further information on this in my letter dated, 3<sup>rd</sup> April 2012). This water flows into the storm water system at RG/011/S to M/028/S and on to M/014/S and is eventually discharged into the river at SWDP1. M/014/S is one of our monthly monitoring points.

In our original licence application there were three other discharge points along the ditch at the other side of the site, leading to Mullagh Lake, SWDP2, 3 & 4. This area has all been piped so now there is only one discharge point on that side of the site, SWDP2 (270380E, 285230N, (refer to M/232/S to M/235/S on the site drainage map). Only storm water run-off is emitted through this point. Originally non-contact cooling water was also emitted but since the installation of the cooling towers this is no longer the case. M/235/S is monitored on a monthly basis. This storm water runs into a road gully which leads to Mullagh Lake.

We have one oil interceptor on-site. It is located in front of the oil storage compound at the back of the site. Water from this area flows through the main surface water network and is discharged at SWDP1.

I hope this helps, if you have any further queries, please do not hesitate to contact me.

Regards

Niamh

**Niamh Murray**

HSE Department

Phone: 00 353 46 92 80249

Fax: 00 353 46 92 80300

Address: Mullagh, Kells, Co Meath IRELAND.

Web: [www.wellman-intl.com](http://www.wellman-intl.com)

*For inspection purposes only.  
Consent of copyright owner required for any other use.*

**INDORAMA**  
VENTURES

WELLMAN INTERNATIONAL LTD.



Please consider your environmental responsibility before printing this e-mail

This e-mail and its attachments may contain Wellman proprietary information, which is PRIVILEGED, CONFIDENTIAL, or subject to COPYRIGHT belonging to Wellman International Ltd., it's subsidiaries, group companies or affiliates ("Wellman"). This e-mail is intended solely for the use of the individual or entity to which it is addressed. If you are not the intended recipient of this e-mail, or the employee or agent responsible for delivering this e-mail to the intended recipient, you are hereby notified that any dissemination, distribution, copying, or action taken in relation to the contents of and attachments to this e-mail is STRICTLY PROHIBITED and may be UNLAWFUL. If you have received this e-mail in error, please notify the sender immediately and permanently delete the original and any copy of this e-mail and any printout. Please note that incoming emails will be automatically scanned to eliminate potential viruses and unsolicited promotional emails. Wellman International Ltd. is a limited liability company registered in Ireland – Registration Number 31341.

---

This email has been scanned by the Symantec Email Security.cloud service.  
For more information please visit <http://www.symanteccloud.com>

---