

Procedure

Pollution Incident Response Management Plan

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[11.5 Acid Tanker Loading 12](https://auc-word-edit.officeapps.live.com/we/wordeditorframe.aspx?ui=en-US&rs=en-AU&wopisrc=https%3A%2F%2Fixom365.sharepoint.com%2Fsites%2FDocumentManagement%2F_vti_bin%2Fwopi.ashx%2Ffiles%2F7cf994a192ab44e2a8aafa64554d8ceb&wdenableroaming=1&mscc=1&hid=D2774DA1-80E8-3000-B4A9-4CAD66EBB421.0&uih=sharepointcom&wdlcid=en-US&jsapi=1&jsapiver=v2&corrid=7a8b2066-d6c8-727e-73e6-2cfa8b97e58f&usid=7a8b2066-d6c8-727e-73e6-2cfa8b97e58f&newsession=1&sftc=1&uihit=docaspx&muv=1&cac=1&sams=1&mtf=1&sfp=1&sdp=1&hch=1&hwfh=1&dchat=1&sc=%7B%22pmo%22%3A%22https%3A%2F%2Fixom365.sharepoint.com%22%2C%22pmshare%22%3Atrue%7D&ctp=LeastProtected&rct=Normal&wdorigin=Other&instantedit=1&wopicomplete=1&wdredirectionreason=Unified_SingleFlush#_Toc160714838)

[11.6 Wastewater Treatment Plant 12](https://auc-word-edit.officeapps.live.com/we/wordeditorframe.aspx?ui=en-US&rs=en-AU&wopisrc=https%3A%2F%2Fixom365.sharepoint.com%2Fsites%2FDocumentManagement%2F_vti_bin%2Fwopi.ashx%2Ffiles%2F7cf994a192ab44e2a8aafa64554d8ceb&wdenableroaming=1&mscc=1&hid=D2774DA1-80E8-3000-B4A9-4CAD66EBB421.0&uih=sharepointcom&wdlcid=en-US&jsapi=1&jsapiver=v2&corrid=7a8b2066-d6c8-727e-73e6-2cfa8b97e58f&usid=7a8b2066-d6c8-727e-73e6-2cfa8b97e58f&newsession=1&sftc=1&uihit=docaspx&muv=1&cac=1&sams=1&mtf=1&sfp=1&sdp=1&hch=1&hwfh=1&dchat=1&sc=%7B%22pmo%22%3A%22https%3A%2F%2Fixom365.sharepoint.com%22%2C%22pmshare%22%3Atrue%7D&ctp=LeastProtected&rct=Normal&wdorigin=Other&instantedit=1&wopicomplete=1&wdredirectionreason=Unified_SingleFlush#_Toc160714839)

[11.6.1 Wastewater Treatment Plant Process 12](https://auc-word-edit.officeapps.live.com/we/wordeditorframe.aspx?ui=en-US&rs=en-AU&wopisrc=https%3A%2F%2Fixom365.sharepoint.com%2Fsites%2FDocumentManagement%2F_vti_bin%2Fwopi.ashx%2Ffiles%2F7cf994a192ab44e2a8aafa64554d8ceb&wdenableroaming=1&mscc=1&hid=D2774DA1-80E8-3000-B4A9-4CAD66EBB421.0&uih=sharepointcom&wdlcid=en-US&jsapi=1&jsapiver=v2&corrid=7a8b2066-d6c8-727e-73e6-2cfa8b97e58f&usid=7a8b2066-d6c8-727e-73e6-2cfa8b97e58f&newsession=1&sftc=1&uihit=docaspx&muv=1&cac=1&sams=1&mtf=1&sfp=1&sdp=1&hch=1&hwfh=1&dchat=1&sc=%7B%22pmo%22%3A%22https%3A%2F%2Fixom365.sharepoint.com%22%2C%22pmshare%22%3Atrue%7D&ctp=LeastProtected&rct=Normal&wdorigin=Other&instantedit=1&wopicomplete=1&wdredirectionreason=Unified_SingleFlush#_Toc160714840)

[11.6.2 Area 3 Stormwater Discharge Process 12](https://auc-word-edit.officeapps.live.com/we/wordeditorframe.aspx?ui=en-US&rs=en-AU&wopisrc=https%3A%2F%2Fixom365.sharepoint.com%2Fsites%2FDocumentManagement%2F_vti_bin%2Fwopi.ashx%2Ffiles%2F7cf994a192ab44e2a8aafa64554d8ceb&wdenableroaming=1&mscc=1&hid=D2774DA1-80E8-3000-B4A9-4CAD66EBB421.0&uih=sharepointcom&wdlcid=en-US&jsapi=1&jsapiver=v2&corrid=7a8b2066-d6c8-727e-73e6-2cfa8b97e58f&usid=7a8b2066-d6c8-727e-73e6-2cfa8b97e58f&newsession=1&sftc=1&uihit=docaspx&muv=1&cac=1&sams=1&mtf=1&sfp=1&sdp=1&hch=1&hwfh=1&dchat=1&sc=%7B%22pmo%22%3A%22https%3A%2F%2Fixom365.sharepoint.com%22%2C%22pmshare%22%3Atrue%7D&ctp=LeastProtected&rct=Normal&wdorigin=Other&instantedit=1&wopicomplete=1&wdredirectionreason=Unified_SingleFlush#_Toc160714841)

[12 Working Hours 13](https://auc-word-edit.officeapps.live.com/we/wordeditorframe.aspx?ui=en-US&rs=en-AU&wopisrc=https%3A%2F%2Fixom365.sharepoint.com%2Fsites%2FDocumentManagement%2F_vti_bin%2Fwopi.ashx%2Ffiles%2F7cf994a192ab44e2a8aafa64554d8ceb&wdenableroaming=1&mscc=1&hid=D2774DA1-80E8-3000-B4A9-4CAD66EBB421.0&uih=sharepointcom&wdlcid=en-US&jsapi=1&jsapiver=v2&corrid=7a8b2066-d6c8-727e-73e6-2cfa8b97e58f&usid=7a8b2066-d6c8-727e-73e6-2cfa8b97e58f&newsession=1&sftc=1&uihit=docaspx&muv=1&cac=1&sams=1&mtf=1&sfp=1&sdp=1&hch=1&hwfh=1&dchat=1&sc=%7B%22pmo%22%3A%22https%3A%2F%2Fixom365.sharepoint.com%22%2C%22pmshare%22%3Atrue%7D&ctp=LeastProtected&rct=Normal&wdorigin=Other&instantedit=1&wopicomplete=1&wdredirectionreason=Unified_SingleFlush#_Toc160714842)

[13 Safety equipment 13](https://auc-word-edit.officeapps.live.com/we/wordeditorframe.aspx?ui=en-US&rs=en-AU&wopisrc=https%3A%2F%2Fixom365.sharepoint.com%2Fsites%2FDocumentManagement%2F_vti_bin%2Fwopi.ashx%2Ffiles%2F7cf994a192ab44e2a8aafa64554d8ceb&wdenableroaming=1&mscc=1&hid=D2774DA1-80E8-3000-B4A9-4CAD66EBB421.0&uih=sharepointcom&wdlcid=en-US&jsapi=1&jsapiver=v2&corrid=7a8b2066-d6c8-727e-73e6-2cfa8b97e58f&usid=7a8b2066-d6c8-727e-73e6-2cfa8b97e58f&newsession=1&sftc=1&uihit=docaspx&muv=1&cac=1&sams=1&mtf=1&sfp=1&sdp=1&hch=1&hwfh=1&dchat=1&sc=%7B%22pmo%22%3A%22https%3A%2F%2Fixom365.sharepoint.com%22%2C%22pmshare%22%3Atrue%7D&ctp=LeastProtected&rct=Normal&wdorigin=Other&instantedit=1&wopicomplete=1&wdredirectionreason=Unified_SingleFlush#_Toc160714843)

[13.1 Personal Protective Equipment (PPE) 15](https://auc-word-edit.officeapps.live.com/we/wordeditorframe.aspx?ui=en-US&rs=en-AU&wopisrc=https%3A%2F%2Fixom365.sharepoint.com%2Fsites%2FDocumentManagement%2F_vti_bin%2Fwopi.ashx%2Ffiles%2F7cf994a192ab44e2a8aafa64554d8ceb&wdenableroaming=1&mscc=1&hid=D2774DA1-80E8-3000-B4A9-4CAD66EBB421.0&uih=sharepointcom&wdlcid=en-US&jsapi=1&jsapiver=v2&corrid=7a8b2066-d6c8-727e-73e6-2cfa8b97e58f&usid=7a8b2066-d6c8-727e-73e6-2cfa8b97e58f&newsession=1&sftc=1&uihit=docaspx&muv=1&cac=1&sams=1&mtf=1&sfp=1&sdp=1&hch=1&hwfh=1&dchat=1&sc=%7B%22pmo%22%3A%22https%3A%2F%2Fixom365.sharepoint.com%22%2C%22pmshare%22%3Atrue%7D&ctp=LeastProtected&rct=Normal&wdorigin=Other&instantedit=1&wopicomplete=1&wdredirectionreason=Unified_SingleFlush#_Toc160714844)

[13.2 Safety Showers 15](https://auc-word-edit.officeapps.live.com/we/wordeditorframe.aspx?ui=en-US&rs=en-AU&wopisrc=https%3A%2F%2Fixom365.sharepoint.com%2Fsites%2FDocumentManagement%2F_vti_bin%2Fwopi.ashx%2Ffiles%2F7cf994a192ab44e2a8aafa64554d8ceb&wdenableroaming=1&mscc=1&hid=D2774DA1-80E8-3000-B4A9-4CAD66EBB421.0&uih=sharepointcom&wdlcid=en-US&jsapi=1&jsapiver=v2&corrid=7a8b2066-d6c8-727e-73e6-2cfa8b97e58f&usid=7a8b2066-d6c8-727e-73e6-2cfa8b97e58f&newsession=1&sftc=1&uihit=docaspx&muv=1&cac=1&sams=1&mtf=1&sfp=1&sdp=1&hch=1&hwfh=1&dchat=1&sc=%7B%22pmo%22%3A%22https%3A%2F%2Fixom365.sharepoint.com%22%2C%22pmshare%22%3Atrue%7D&ctp=LeastProtected&rct=Normal&wdorigin=Other&instantedit=1&wopicomplete=1&wdredirectionreason=Unified_SingleFlush#_Toc160714845)

[13.3 Hazchem Spill Kit Bins, Stormwater Drain Covers, Sand/Soil/Drysorb and Slaked Lime 15](https://auc-word-edit.officeapps.live.com/we/wordeditorframe.aspx?ui=en-US&rs=en-AU&wopisrc=https%3A%2F%2Fixom365.sharepoint.com%2Fsites%2FDocumentManagement%2F_vti_bin%2Fwopi.ashx%2Ffiles%2F7cf994a192ab44e2a8aafa64554d8ceb&wdenableroaming=1&mscc=1&hid=D2774DA1-80E8-3000-B4A9-4CAD66EBB421.0&uih=sharepointcom&wdlcid=en-US&jsapi=1&jsapiver=v2&corrid=7a8b2066-d6c8-727e-73e6-2cfa8b97e58f&usid=7a8b2066-d6c8-727e-73e6-2cfa8b97e58f&newsession=1&sftc=1&uihit=docaspx&muv=1&cac=1&sams=1&mtf=1&sfp=1&sdp=1&hch=1&hwfh=1&dchat=1&sc=%7B%22pmo%22%3A%22https%3A%2F%2Fixom365.sharepoint.com%22%2C%22pmshare%22%3Atrue%7D&ctp=LeastProtected&rct=Normal&wdorigin=Other&instantedit=1&wopicomplete=1&wdredirectionreason=Unified_SingleFlush#_Toc160714846)

[14 Maps 17](https://auc-word-edit.officeapps.live.com/we/wordeditorframe.aspx?ui=en-US&rs=en-AU&wopisrc=https%3A%2F%2Fixom365.sharepoint.com%2Fsites%2FDocumentManagement%2F_vti_bin%2Fwopi.ashx%2Ffiles%2F7cf994a192ab44e2a8aafa64554d8ceb&wdenableroaming=1&mscc=1&hid=D2774DA1-80E8-3000-B4A9-4CAD66EBB421.0&uih=sharepointcom&wdlcid=en-US&jsapi=1&jsapiver=v2&corrid=7a8b2066-d6c8-727e-73e6-2cfa8b97e58f&usid=7a8b2066-d6c8-727e-73e6-2cfa8b97e58f&newsession=1&sftc=1&uihit=docaspx&muv=1&cac=1&sams=1&mtf=1&sfp=1&sdp=1&hch=1&hwfh=1&dchat=1&sc=%7B%22pmo%22%3A%22https%3A%2F%2Fixom365.sharepoint.com%22%2C%22pmshare%22%3Atrue%7D&ctp=LeastProtected&rct=Normal&wdorigin=Other&instantedit=1&wopicomplete=1&wdredirectionreason=Unified_SingleFlush#_Toc160714847)

[15 Actions to Be Taken During or Immediately After a Pollution Incident 19](https://auc-word-edit.officeapps.live.com/we/wordeditorframe.aspx?ui=en-US&rs=en-AU&wopisrc=https%3A%2F%2Fixom365.sharepoint.com%2Fsites%2FDocumentManagement%2F_vti_bin%2Fwopi.ashx%2Ffiles%2F7cf994a192ab44e2a8aafa64554d8ceb&wdenableroaming=1&mscc=1&hid=D2774DA1-80E8-3000-B4A9-4CAD66EBB421.0&uih=sharepointcom&wdlcid=en-US&jsapi=1&jsapiver=v2&corrid=7a8b2066-d6c8-727e-73e6-2cfa8b97e58f&usid=7a8b2066-d6c8-727e-73e6-2cfa8b97e58f&newsession=1&sftc=1&uihit=docaspx&muv=1&cac=1&sams=1&mtf=1&sfp=1&sdp=1&hch=1&hwfh=1&dchat=1&sc=%7B%22pmo%22%3A%22https%3A%2F%2Fixom365.sharepoint.com%22%2C%22pmshare%22%3Atrue%7D&ctp=LeastProtected&rct=Normal&wdorigin=Other&instantedit=1&wopicomplete=1&wdredirectionreason=Unified_SingleFlush#_Toc160714848)

[16 Coordinating with persons 21](https://auc-word-edit.officeapps.live.com/we/wordeditorframe.aspx?ui=en-US&rs=en-AU&wopisrc=https%3A%2F%2Fixom365.sharepoint.com%2Fsites%2FDocumentManagement%2F_vti_bin%2Fwopi.ashx%2Ffiles%2F7cf994a192ab44e2a8aafa64554d8ceb&wdenableroaming=1&mscc=1&hid=D2774DA1-80E8-3000-B4A9-4CAD66EBB421.0&uih=sharepointcom&wdlcid=en-US&jsapi=1&jsapiver=v2&corrid=7a8b2066-d6c8-727e-73e6-2cfa8b97e58f&usid=7a8b2066-d6c8-727e-73e6-2cfa8b97e58f&newsession=1&sftc=1&uihit=docaspx&muv=1&cac=1&sams=1&mtf=1&sfp=1&sdp=1&hch=1&hwfh=1&dchat=1&sc=%7B%22pmo%22%3A%22https%3A%2F%2Fixom365.sharepoint.com%22%2C%22pmshare%22%3Atrue%7D&ctp=LeastProtected&rct=Normal&wdorigin=Other&instantedit=1&wopicomplete=1&wdredirectionreason=Unified_SingleFlush#_Toc160714849)

[16.1 Emergency Services 21](https://auc-word-edit.officeapps.live.com/we/wordeditorframe.aspx?ui=en-US&rs=en-AU&wopisrc=https%3A%2F%2Fixom365.sharepoint.com%2Fsites%2FDocumentManagement%2F_vti_bin%2Fwopi.ashx%2Ffiles%2F7cf994a192ab44e2a8aafa64554d8ceb&wdenableroaming=1&mscc=1&hid=D2774DA1-80E8-3000-B4A9-4CAD66EBB421.0&uih=sharepointcom&wdlcid=en-US&jsapi=1&jsapiver=v2&corrid=7a8b2066-d6c8-727e-73e6-2cfa8b97e58f&usid=7a8b2066-d6c8-727e-73e6-2cfa8b97e58f&newsession=1&sftc=1&uihit=docaspx&muv=1&cac=1&sams=1&mtf=1&sfp=1&sdp=1&hch=1&hwfh=1&dchat=1&sc=%7B%22pmo%22%3A%22https%3A%2F%2Fixom365.sharepoint.com%22%2C%22pmshare%22%3Atrue%7D&ctp=LeastProtected&rct=Normal&wdorigin=Other&instantedit=1&wopicomplete=1&wdredirectionreason=Unified_SingleFlush#_Toc160714850)

[16.2 Coordinating Agency 21](https://auc-word-edit.officeapps.live.com/we/wordeditorframe.aspx?ui=en-US&rs=en-AU&wopisrc=https%3A%2F%2Fixom365.sharepoint.com%2Fsites%2FDocumentManagement%2F_vti_bin%2Fwopi.ashx%2Ffiles%2F7cf994a192ab44e2a8aafa64554d8ceb&wdenableroaming=1&mscc=1&hid=D2774DA1-80E8-3000-B4A9-4CAD66EBB421.0&uih=sharepointcom&wdlcid=en-US&jsapi=1&jsapiver=v2&corrid=7a8b2066-d6c8-727e-73e6-2cfa8b97e58f&usid=7a8b2066-d6c8-727e-73e6-2cfa8b97e58f&newsession=1&sftc=1&uihit=docaspx&muv=1&cac=1&sams=1&mtf=1&sfp=1&sdp=1&hch=1&hwfh=1&dchat=1&sc=%7B%22pmo%22%3A%22https%3A%2F%2Fixom365.sharepoint.com%22%2C%22pmshare%22%3Atrue%7D&ctp=LeastProtected&rct=Normal&wdorigin=Other&instantedit=1&wopicomplete=1&wdredirectionreason=Unified_SingleFlush#_Toc160714851)

[16.3 Control Agency 21](https://auc-word-edit.officeapps.live.com/we/wordeditorframe.aspx?ui=en-US&rs=en-AU&wopisrc=https%3A%2F%2Fixom365.sharepoint.com%2Fsites%2FDocumentManagement%2F_vti_bin%2Fwopi.ashx%2Ffiles%2F7cf994a192ab44e2a8aafa64554d8ceb&wdenableroaming=1&mscc=1&hid=D2774DA1-80E8-3000-B4A9-4CAD66EBB421.0&uih=sharepointcom&wdlcid=en-US&jsapi=1&jsapiver=v2&corrid=7a8b2066-d6c8-727e-73e6-2cfa8b97e58f&usid=7a8b2066-d6c8-727e-73e6-2cfa8b97e58f&newsession=1&sftc=1&uihit=docaspx&muv=1&cac=1&sams=1&mtf=1&sfp=1&sdp=1&hch=1&hwfh=1&dchat=1&sc=%7B%22pmo%22%3A%22https%3A%2F%2Fixom365.sharepoint.com%22%2C%22pmshare%22%3Atrue%7D&ctp=LeastProtected&rct=Normal&wdorigin=Other&instantedit=1&wopicomplete=1&wdredirectionreason=Unified_SingleFlush#_Toc160714852)

[16.4 Medical Agency 21](https://auc-word-edit.officeapps.live.com/we/wordeditorframe.aspx?ui=en-US&rs=en-AU&wopisrc=https%3A%2F%2Fixom365.sharepoint.com%2Fsites%2FDocumentManagement%2F_vti_bin%2Fwopi.ashx%2Ffiles%2F7cf994a192ab44e2a8aafa64554d8ceb&wdenableroaming=1&mscc=1&hid=D2774DA1-80E8-3000-B4A9-4CAD66EBB421.0&uih=sharepointcom&wdlcid=en-US&jsapi=1&jsapiver=v2&corrid=7a8b2066-d6c8-727e-73e6-2cfa8b97e58f&usid=7a8b2066-d6c8-727e-73e6-2cfa8b97e58f&newsession=1&sftc=1&uihit=docaspx&muv=1&cac=1&sams=1&mtf=1&sfp=1&sdp=1&hch=1&hwfh=1&dchat=1&sc=%7B%22pmo%22%3A%22https%3A%2F%2Fixom365.sharepoint.com%22%2C%22pmshare%22%3Atrue%7D&ctp=LeastProtected&rct=Normal&wdorigin=Other&instantedit=1&wopicomplete=1&wdredirectionreason=Unified_SingleFlush#_Toc160714853)

[17 Staff training 21](https://auc-word-edit.officeapps.live.com/we/wordeditorframe.aspx?ui=en-US&rs=en-AU&wopisrc=https%3A%2F%2Fixom365.sharepoint.com%2Fsites%2FDocumentManagement%2F_vti_bin%2Fwopi.ashx%2Ffiles%2F7cf994a192ab44e2a8aafa64554d8ceb&wdenableroaming=1&mscc=1&hid=D2774DA1-80E8-3000-B4A9-4CAD66EBB421.0&uih=sharepointcom&wdlcid=en-US&jsapi=1&jsapiver=v2&corrid=7a8b2066-d6c8-727e-73e6-2cfa8b97e58f&usid=7a8b2066-d6c8-727e-73e6-2cfa8b97e58f&newsession=1&sftc=1&uihit=docaspx&muv=1&cac=1&sams=1&mtf=1&sfp=1&sdp=1&hch=1&hwfh=1&dchat=1&sc=%7B%22pmo%22%3A%22https%3A%2F%2Fixom365.sharepoint.com%22%2C%22pmshare%22%3Atrue%7D&ctp=LeastProtected&rct=Normal&wdorigin=Other&instantedit=1&wopicomplete=1&wdredirectionreason=Unified_SingleFlush#_Toc160714854)

[18 Testing and updating of the PIRMP 22](https://auc-word-edit.officeapps.live.com/we/wordeditorframe.aspx?ui=en-US&rs=en-AU&wopisrc=https%3A%2F%2Fixom365.sharepoint.com%2Fsites%2FDocumentManagement%2F_vti_bin%2Fwopi.ashx%2Ffiles%2F7cf994a192ab44e2a8aafa64554d8ceb&wdenableroaming=1&mscc=1&hid=D2774DA1-80E8-3000-B4A9-4CAD66EBB421.0&uih=sharepointcom&wdlcid=en-US&jsapi=1&jsapiver=v2&corrid=7a8b2066-d6c8-727e-73e6-2cfa8b97e58f&usid=7a8b2066-d6c8-727e-73e6-2cfa8b97e58f&newsession=1&sftc=1&uihit=docaspx&muv=1&cac=1&sams=1&mtf=1&sfp=1&sdp=1&hch=1&hwfh=1&dchat=1&sc=%7B%22pmo%22%3A%22https%3A%2F%2Fixom365.sharepoint.com%22%2C%22pmshare%22%3Atrue%7D&ctp=LeastProtected&rct=Normal&wdorigin=Other&instantedit=1&wopicomplete=1&wdredirectionreason=Unified_SingleFlush#_Toc160714855)

# 1 Pollution Incident Response Management Plan

**LICENCE NUMBER:** 20547

**Approved by:** Dene Ladmore

**Position/Title:** Acting Site Manager (Port Kembla)

**Signature:** <insert signature>

**Date:** 27 November 2024

# Purpose

Ixom Operations Pty Ltd holds an Environment Protection Licence with the NSW Environment Protection Authority (EPA) for Port Kembla Plant, Gate 1, Foreshore Road, Port Kembla NSW 2505. As per the Protection of the Environment Operations Act 1997 (the POEO Act), the holder of an Environment Protection Licence must prepare, keep, test and implement a pollution incident response management plan (PIRMP) that complies with Part 5.7A of the POEO Act in relation to the activity to which the licence relates.

If a pollution incident occurs in the course of an activity so that material harm to the environment (within the meaning of section 147 of the POEO Act) is caused or threatened, the person carrying out the activity must immediately implement this plan in relation to the activity required by Part 5.7A of the POEO Act.

The master-controlled copy of the PIRMP is on the Port Kembla Document Management System (DMS). Document control, revision, retention and authorisation are managed through the functionality of the DMS.

A copy of this plan is also kept at Gate 1 in the Emergency Information box and in the Control Room and is available on request by an authorised EPA officer and to any person who is responsible for implementing this plan.

Parts of the plan must also be available either on a publicly accessible website, or if there is no such website, by providing a copy of the plan to any person who makes a written request. The sections of the plan that are required to be publicly available are set out in clause 98D of the Protection of the Environment Operations (General) Regulation 2009.

# Environment Protection Licence (EPL) Details

|  |  |
| --- | --- |
| **Name of licensee:**  (including ABN) | Ixom Operations Pty Ltd  ABN: 51 600 546 512 |
| **EPL number:** | 549 |
| **Premises name and address:** | IXOM Port Kembla  Gate 1, Foreshore Road,  Port Kembla NSW 2505.    LOT 1 DP 1079726, LOT 1 DP 1194041  LOT 1 - DP 1079726: PRIMARY PLANT.  LOT 1 - DP 1194041: SECONDARY SITE HOUSES THREE SULPHURIC ACID IMPORT TANKS - 8, 9, AND 12.  SHIP TO SHORE PIPELINE USED TO TRANSPORT SULPHURIC ACID BETWEEN NO 4 JETTY AND ORICA'S PORT KEMBLA PREMISES AS SHOWN ON DRAWING "ORICA CHEMICALS - PORT KEMBLA, #4 JETTY EXPORT PIPELINE DATED 20/03/12. HELD ON EPA FILE DOC23/85247-1  SITE EMERGENCY INFORMATION#3 / #4 AREAS, LICENCED DISCHARGE POINTS, " DATED 23/4/12. HELD ON EPA FILE DOC18/69934. |
| **Company or business contact details** | **Name:** Grant Tilling  **Position or title:** Acting Site Manager (Port Kembla)  **Business hours contact number/s:** 02 4255 2709, 02 4255 2700  **After hours contact number/s:** 0450 079 919  **Email:** [grant.tilling@ixom.com](mailto:grant.tilling@ixom.com) |
| **Website address:** | <https://www.ixom.com/being-responsible/environmental-monitoring-data/port-kembla> |
| **Scheduled activity/activities on EPL:** | Chemical storage  Shipping in bulk |
| **Fee-based activity/activities on EPL:** | General chemicals storage - > 5000 - 100000 kL storage capacity    Shipping in bulk - > 100000 - 500000 T of annual capacity to load and unload |

# Pollution Incident – Person/s Responsible

|  |  |
| --- | --- |
| **PIRMP activation** | Site Manager  Control Room Operator  Head of Regional Operations  Business hours contact numbers: 0450 079 919  After hours contact numbers: 0401 715 019, 02 4255 2715. |
| **Notifying relevant authorities**  Notification should be made by a person with an appropriate level of authority within the company. | Dene Ladmore  Site Manager – Port Kembla  Business hours contact numbers:  T: (02) 4255 2709 / M: 0417 421 076  After hours contact numbers: 0417 421 076  Email: [dene.ladmore@ixom.com](mailto:dene.ladmore@ixom.com) |
| **Managing response to pollution incident** | Control Room Operator  Business hours contact numbers: 0401 715 019, 02 4255 2715  After hours contact numbers: 0401 715 019, 02 4255 2715. |

# Notification of relevant authorities

|  |  |  |
| --- | --- | --- |
| **Fire & Rescue NSW / Rural Fire Service**  **SES (NSW)** | **Contact number/s:** | 000, 1300 729 579  132 500 |
| **EPA Environment Line** | **Contact number/s:** | 131 555 |
| **NSW Health** | **Relevant Area Health Service:**  **Contact number/s:** | Wollongong Public Health Unit  (02) 4221 6700  Afterhours:  (02) 4222 5000  (Wollongong Hospital, ask for Public Health Nurse on call) |
| **SafeWork NSW** | **Contact number/s:** | 131 050 |
| **Local authority/s**  *Identify the local authority for the area in which the premises to which the environment protection licence relates, and any area, is affected, or potentially affected, by the pollution*. | **Contact number/s:** | Wollongong Council:  02 4227 7111  Port Kembla Port Authority:     02 9296 4962  (24-hour community enquiries and complaints line). |
| **Any other identified organisation or agency requiring notification (if applicable)** *e.g. Water NSW, Department of Planning Industry and Environment, Roads and Maritime Services* | **Contact number/s:** | NSW Department of Planning and Infrastructure Wollongong (Illawarra Region)  02 4247 1800 |

# Recovery Services (24 hours)

|  |  |  |
| --- | --- | --- |
| **Service** | **Supplier** | **Phone Number** |
| Water and Sewage | Sydney Water | 13 20 90 |
| Electricity | Endeavour Energy | General: [133 718](tel:13%2013%2065)  Emergencies: 131 003 |
| Gas | Jemena Gas Network | General: [1300 137 078](tel:13%2013%2065)  Emergencies: 131 909 |
| Waste Disposal | Cleanaway | 02 4262 3333 |
| Security | BSMS | 02 4225 7935  0434 423 933 |

# Notification of Neighbours and The Local Community

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  | | --- | --- | --- | | **Neighbour** | **Address** | **Phone Number** | | **North**  Open space |  |  | | **East**  Cement Australia (truck depot),  Cleanaway recycling,  Hitek steel framing,  Morgan Cement International | Foreshore Rd Port Kembla  Foreshore Rd Port Kembla  7 Foreshore Rd Port Kembla | 02 9395 1500, 0428 030 467        02 4276 4888 | | **South**  Rail Corridor  PACE Logistics    Port Kembla Cooper (former smelter site) | --  Darcy Rd, Port Kembla, NSW 2505  67 Military Rd, Port Kembla, NSW 2505 | --  1300 389 307    -- | | **West**  Rail Corridor  Port Kembla Train Station    Pacific National and Progress Rail Port Kembla | --  Old Port Road, Port Kembla, NSW 2505  Old Port Road, Port Kembla, NSW 2505 | --  02 4223 5685    02 4275 5016 | | The Ixom ERS will coordinate communications to neighbours, depending on the nature of the incident. This allows the on-site personnel to respond to the emergency and support the emergency services. | | | |

# Media Response and Public Relations

As per IXOM company policy, all media enquiries about the Port Kembla site must be referred to the Head of Corporate Affairs as soon as they are received.

Any resulting communications will be prepared by the Head of Corporate Affairs, stating facts such as cause, mitigating actions undertaken, effectiveness of those actions, and timeframe for resolution.

# Description and Likelihood of Hazards / Pre-Emptive Actions / Communicating with Neighbours / Minimising Harm

The following table contains for each chemical:

A description of the hazards to human health or the environment.

The likelihood of any such hazards occurring, including details of controls in place to reduce the likelihood.

Details of the pre-emptive action (response plan) to be taken to minimize or prevent any risk of harm to human health or the environment.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **What are the types of potential pollution incidents?** | **What is the likelihood of the pollution incident occurring?** | **Who or what is likely to be affected and to what extent?** | **How will the site notify the community?** | **What actions do I need to take to minimize harm?** |
| Discharge of sulphuric acid to stormwater drains, bypassing secondary containment.    Could be caused by tank or pipe failure. | Very Unlikely / Unlikely    Site has secondary containment. | Site  Stormwater drain and outer harbour | Contact Port Authority if necessary.    Emergency services will advise wider community if required.    Website or press releases may be used for updates. | Stay away from liquid clean up area  Site and neighbouring Industries should follow advice from site and emergency services. |
| Contaminated Storm water (low pH)  Could be caused by heavy rain event for a continued period. | Very Unlikely    No downstream users  Site has secondary containment. | Stormwater drain and outer harbour | Contact Port Authority if necessary.    Emergency services will advise wider community if required.    Website or press releases may be used for updates. | Avoid channel entrance to harbour.  Industrial neighbours and passers-by should follow advice from site and emergency services. |
| Sulphuric acid leak to harbour during shipping operations. | Very Unlikely    Pipeline and hoses are routinely tested, maintained and monitored for leaks during operation.  In the event of a leak pumping operations would immediately cease, minimising any impact. | Outer harbour in vicinity of berth 206 (Jetty #4) | Contact Port Authority if necessary.    Emergency services will advise wider community if required.    Website or press releases may be used for updates. | Avoid vicinity of berth 206.    Industrial neighbours and passers-by should follow advice from site and emergency services. |

# Inventory of Pollutants

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | **Materials**  **(Tank ID)** | **UN No.** | **Class** | **Packing Group** | **Threshold Quantity (Litres)** | **Typical Quantity (Litres)** | | Sulfuric Acid (T8) | 1830 | 8 | II | 5,434,780 | 4,347,830 | | Sulfuric Acid (T9) | 5,434,780 | 4,347,830 | | Sulfuric Acid (T12) | 8,152,170 | 6,929,344 | | Sulfuric Acid (V4001) 98% Tank | 20,000 | 10,000 | | Sulfuric Acid (V4005) 70% Tank | 22,250 | 18,000 | | Sodium Hydroxide Solution (V07a)  Caustic 25% | 1824 | 11,900 | 8,000 | | Sodium Hydroxide Solution (V07b)  Caustic 50% | 31,430 | 25,000 | | Bisulphites, Aqueous Solution, N.O.S (V207) Condition Tank | 2693 | III | 28,000 | 20,000 | | Bisulphites, Aqueous Solution, N.O.S (V208) Sales Tank | 44,000 | 30,000 | |
|  |

# Facility Description

IXOM’s Port Kembla process facility is located at Gate 1, Foreshore Road, Port Kembla NSW 2505.

This facility imports, stores, and dispatches bulk 98.5 % sulphuric acid, as well as production of sodium bisulphite solution and dilute sulphuric acid.

The imported acid storage area is located 500m away from main site. There are 2 x 10,000 tonne and 1 x 14,000 tonne 98.5% sulphuric acid storage tanks. Acid is imported via a 700m pipeline that runs to the #4 Jetty in the outer harbour of Port Kembla. Acid can also be exported from the facility. The imported 98.5% acid is loaded to road tankers at a dedicated tanker loading bay. It is also transferred via road tanker to the main site and used to produce dilute sulphuric acid 70% grade.

The facility encompasses following operations:-

## SARP (Spent Acid Regeneration Plant)

The SARP was a purpose sized and designed acid plant to enable environmentally sound regeneration of waste sulphuric acid from oil refineries in Eastern Australia. It is no longer in operation following closure of the refineries that were serviced.

## SBS Manufacture

The SBS plant operates as a batch process to produce product 31% sodium bisulphite solution for customers such as the water treatment industry.

### Sodium Bisulphite Solution Manufacture Process

* + SMBS (sodium meta bisulphite) powder is added from bulk bags into a mixing tank containing water.
  + The mixed solution is tested, and the concentration is adjusted by adding extra water or powder (if required) to meet the product quality specification.
  + The product is then pumped into a holding tank ready for dispatch to customers via bulk road tanker.

## Acid Dilution

This plant operates as a batch process to produce one main dilute acid grade to order.

### Dilute Sulphuric Acid Manufacture Process

* + Fresh 98.5% sulphuric acid is transferred via road tanker from the imported acid terminal to the 98.5% storage tank in the dilution plant.
  + Plant operators determine when a new batch of dilute acid (70% acid is the primary grade produced) is required and start the system up to produce it.
  + The computerized control system in the plant then controls the ratio of water and acid to mix to produce the desired product acid concentration.
  + The acid and water are mixed through a special mixing system which is cooled by cooling water circulating through a small cooling tower.
  + The cooled product acid is then stored in a specially designed fiberglass storage tank ready for dispatch to customer via bulk road tanker.

## Acid Trading

Customers for this acid include local steelmaking, electrical power generation, water treatment, other industrial chemical producers and repack facilities.

A general description of the process and facilities follows:

* + Concentrated sulphuric acid (98.5%) is sourced from various locations around Australia and the world and is ordered in bulk for supply to Ixom Port Kembla.
  + Large, specially designed chemical tanker ships are contracted to load the nominated tonnage of acid at the designated load port for delivery to Port Kembla as well as other Ixom terminals in other locations as required.
  + Due to the time required to organize a suitable vessel to arrive at the load port, load and then sail to Port Kembla, these shipments are booked months in advance of requirements.
  + Once nominated the Port Kembla site is advised of the vessel's estimated time of arrival in port and planning for its arrival begins.
  + When the vessel arrived in port it is berthed at the No. 4 Jetty, now known as Bulk Liquids Berth 206.
  + Following a prescribed set of operating procedures Ixom's trained acid handling personnel connect the ship's discharge system to the shore pipeline) via specially designed chemical hoses.
  + The acid is then transferred using the ship's on-board pumps to the Ixom shore tanks located on Foreshore Rd opposite No.3 Jetty.
  + Acid is then stored in these tanks ready for dispatch to customers in road bulk tankers through purpose designed tanker loading systems.

## Acid Tanker Loading

In order to despatch bulk loads of sulphuric acid, whether manufactured or imported, from the Port Kembla site to customers, specialised sulphuric acid handling and loading systems are required. A brief description of these activities follows:

* + As mentioned in other sections of the site operations, concentrated acid is stored in dedicated, and purpose designed storage tanks ready for dispatch to customers.
  + Orders from customers are received and the relevant paperwork generated to allow specifically selected and fully trained and licensed chemical road tanker carriers to arrive on site to be loaded.
  + Once an order is confirmed by Ixom operations personnel and the tanker driver positions the tanker beneath the road load out gantry ready for connection to the tanker loading system.
  + Following a prescribed procedure, trained Ixom personnel, wearing the specialist personal protective equipment supplied, connect the tanker to the Ixom loading system via dedicated and purpose designed chemical hoses.
  + A computer-controlled batch loading system is then programmed to ensure the exact quantity of acid ordered and which can be legally carried by the relevant tanker is loaded into the tanker.

The loading process is automatically managed by the control system and is supervised by Ixom operations personnel. The system is protected by the computer control system, a separate high-level emergency shut off probe and a bunded area inside which the tanker is parked whilst loading. These systems ensure the safety of the personnel and protect the environment in the unlikely event of any spillage.

## Wastewater Treatment Plant

The site operates a comprehensive wastewater treatment system which takes all liquid process waste generated on site. All liquid waste generated in operating areas on the site is treated for re-use in production processes. Stormwater from Area 3 bunds is tested and discharged via the sites single licensed discharge point described as LDP4 in the site's EPA licence.

### Wastewater Treatment Plant Process

Wastewater generated in process areas is collected and pumped to the treatment plant for processing.

In the treatment plant the wastewater is filtered to remove colour and particulate material, producing a clean, clear filtrate.

This clean filtrate is then held in a storage tank where it may be reused in the process.

### 11.6.2 Area 3 Stormwater Discharge Process

* + The stormwater water is transferred to a batch tank in which automatic pH monitoring is installed.
  + The discharge tank also continuously has instrumentation to measure the total suspended solids (TSS) of the stormwater, to ensure it is within range of the site licence.
  + When the system registers the water in this tank as within the licensed parameters the tank discharge valve is opened to allow the stormwater to be discharged via the site’s only liquid discharge point, LDP4.
  + The pH, TSS, flow rate and volume are monitored throughout each discharge. The monitoring results are recorded every time the system discharges and are reported on this website as required to the EPA.

# Working Hours

|  |  |
| --- | --- |
| Days Per Week | 6am to 4pm Monday to Friday  Area 5 tanker loading bay is available 24 hours per day 365 days per year for driver self-loading. Outside business hours it is not permanently staffed and is monitored by security guards |
| Number of Personnel On-Site  (normal business hours) | 4 (2 x Operators, 1 x Manager and  1 x Admin Asst who works 3 days per week) |
| Number of Personnel On-Site  (outside normal business hours) | BSMS Security |
| Other Personnel that could be On-Site | Staffing may vary periodically, including outside normal business hours. For example:  During shipping operations  Support personnel  Contract service providers  Labour for significant maintenance tasks  Project work |

# Safety equipment

An Emergency Information Box is located at Gate 1, Foreshore Road, Port Kembla. The box contains a copy of the site ESIP, which includes:

* + A company letter head displaying business details, emergency contacts, date prepared and the locations of the emergency plans, manifests and Safety Data Sheets (SDS) on site.
  + Copy of Site plans.
  + Manifest for the site (both Dangerous Goods and Hazardous Substances)
* Copies of SDS for selected Dangerous Goods Stored on site.

Each scenario of the Environmental Risk Assessment outlines controls which reduce the risk of hazards to the environment and human health.

The following is a description of prominent safety equipment with quantities used to reduce risk for the majority of hazards.

| **Equipment** | **Areas** | | **Quantity and Type** |
| --- | --- | --- | --- |
| Fire Extinguishers | **Office building**  Office floor  Amenities | | 2 x CO2  1 x CO2 |
| Store | | 2 x Dry Powder, 2 x CO2 and 2 x Water |
| Control Room | | 1 x CO2 and 1 x Dry Powder |
| Main MCC Room | | 2 x CO2 and 1 x Dry Powder |
| Area 3 Acid loader | | 4 x Dry Powder |
| Dilute Acid Control Room | | 1 x CO2 |
| SBS Plant | | 7 x CO2 |
| Area 5 Acid loader | | 1 x CO2 and 2 x Dry Powder |
| Area 5 Acid storage | | 1 x CO2 and 2 x Dry powder |
| Fire Hose Reels | SARP | | 2 |
| SBS Plant | | 4 |
| Fire Hydrants | Gate 1 / Office | | 2 |
| Gate 2 | | 2 |
| Workshop | | 1 |
| SARP | | 4 |
| Safety Showers | SBS Plant (alarmed to control room)  Caustic tank bund (audible alarm)  Area 5 Acid Tank Farm & Loader  Dilute Acid Tank Farm (audible alarm)  Jetty # 4 | | |
| Respirators | Issued to each operator, also in store | | |
| First Aid Kits | Administration Office  Control room  Jetty # 4 Hut | | |
| Defibrillator (AED) | Control Room | | |
| Spill Chemicals | Area 3 | | 2 pallets of limestone  2 pallets of soda ash |
| Area 5 Loading Bay | | Spill Kit |
| Jetty#4 | | During shipping |
| Diphoterine | Control Room · | | |
| Area #5 Taker Loading Bay Cabin | | |
| Jetty #4 Hut | | |
| Weather station | Area 3 Acid Tank Farm | | |
| Self-Contained Breathing Apparatus (SCBA) | Control Room | 1 | |
| Berth 206 / Jetty #4 during shipping operations | 1 | |

Note: Emergency equipment maintained by NSW Ports is available on Berth 206 and can be accessed in case of an emergency.

## Personal Protective Equipment (PPE)

All plant personnel must wear long sleeves and long pants, steel cap shoes, and safety hat when on site including respirators for emergencies. Additionally, fixed gas monitors are located in SBS stack whereas a portable gas monitor and on-site weather station is also available. Monogoggles must be worn when entering a bunded (process) area and particular maintenance activities may require a full chemical suit, respiratory protection equipment and/or faceshield for protection against chemicals.

## Safety Showers

Safety showers are located near hazardous areas, allowing an employee or contractor to wash affected areas with water to prevent or reduce harm done. Safety showers are also alarmed to inform the Control Room if an incident may have occurred. Safety showers are routinely checked to ensure their reliability.

## Hazchem Spill Kit Bins, Stormwater Drain Covers, Sand/Soil/Drysorb and Slaked Lime

Hazchem spill kit bins which are suitable for acids and caustic contain absorbent pads, absorbent booms, waste bags and chemical resistant gloves and are located at the following locations:

General spill kit bins are also available on site which are more suitable for scenarios such as oil spills.

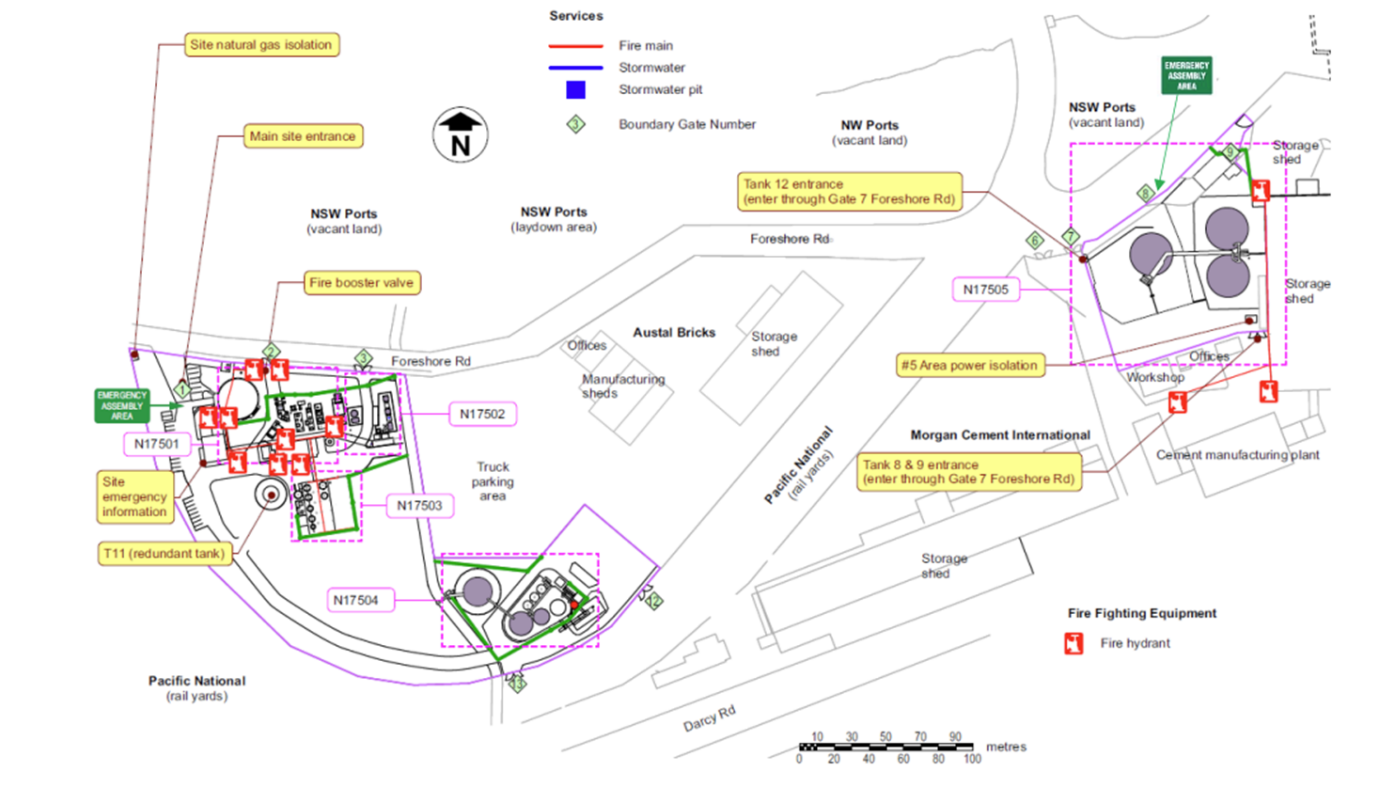
In the event of a chemical spill potentially reaching stormwater drains, stormwater drain covers (1100 x 1100 mm, located in the Control Room and the Store) and/or absorbents from the spill kit bins can prevent chemicals from entering the stormwater system. Sand, soil or drysorb can then be used to absorb the spill from the area while slaked lime (Ca(OH)2) may be used for neutralisation if the spill is acidic. Waste management contractors can be contacted for the disposal of waste if required.

# Maps



*Figure 1: Site location map*

*Figure 2: Site facilities at Port Kembla site*



*Figure 2: Site facilities at Port Kembla site*

# Actions to Be Taken During or Immediately After a Pollution Incident

|  |  |  |
| --- | --- | --- |
| |  | | --- | | **Chemical Spills** | | **Note:**  Any liquid chemical spilt on site requires the following action. It does not matter what size the spill is.  Check the spill is contained within secondary containment that drains to the effluent system. (refer note below).  For areas outside secondary containment ensure the spill is contained by placing dry sorb, spill booms or limestone around the spill.  Production personnel under the instruction of the Chief Warden will complete the chemical clean up as per the appropriate clean up procedure for the material spilt. Refer to Emergency Response Equipment listed above and SDS.  Once the spill has been contained and the site is safe:  Stormwater is to be assessed for presence of contaminant spilled. Refer to Foreshore Rd stormwater diagrams.  See also Emergency Plan for PK site with specific chemical scenarios attached.  If any chemical spill may impact the Port Kembla harbour, berth 206 (jetty #4) and/or NSW Ports land notify:  Port Authority NSW - VTS  NSW Ports - Operations Manager  Port Kembla Port Users - PKEARS radio if emergency will impact Port Operations (discuss with VTS)  In case of an injury caused during a chemical spill, go to Scenario 1: Medical Emergency above.  NOTE : If spill occurs or impacts area 3 effluent collection system (caustic bund, effluent pit, acid dilution bund, sbs/dilute loading bay and capture pit, TGS bund, or SBS bund) contaminated material must be segregated in Reactor 1 for testing. The filtrate tank should be sampled and confirm no contamination has reached that tank which could impact filtrate re-use in SBS. If contaminated it should be drained and transferred to Reactor 1 for testing and disposal. | |

|  |  |
| --- | --- |
| **Fire** | |
| RESPONSE | |
| Alert others in area and notify site leader or plant operator.  For small localised fires, if person is not on their own and feels confident of extinguishing the fire without risk then use extinguisher in area.  Site leader and plant operator assess incident from safe distance.  Site leader and plant operator classify the emergency as an External site emergency  Site leader will activate the site emergency alarm and consider evacuation.  Site leader will contact emergency services on (0)000 and then Ixom ERS on 1800 033 111.  All personnel move to the emergency assembly point and the site leader conducts roll call at emergency assembly point.  Plant operator isolates electricity (including backup generator) to affected areas.  Site leader and plant operator will wait for the emergency services to arrive and then provide specialist advice and assistance as required. | |
| CAUSE | CONSEQUENCE |
| Combustible material or electrical fire  Electrical equipment fire  Office fire  Vehicle fire  Laboratory/workshop fire  Grass fire | Burns  Damage to assets  Inhalation of smoke and fumes  Possible off site effect from smoke and fumes |
| ESCALATIONS |
| Fire impacts on ammonia containers or equipment resulting in ammonia release. |
| DETECTION | SUPPRESSION/MITIGATION |
| Area 3 & 4 fire detection alarm in control room  Personnel working in area | SUPPRESSION  Fire extinguishers and fire hoses  Fire hydrants  MITIGATION  Activate emergency response plan  Initiate the site emergency alarm. |
| PERSONAL SAFETY | DECONTAMINATION AND RECOVERY |
| Chemical PPE.  Do not put yourself at risk. | If related to chemical exposure decontaminate using a safety shower  Test and treat, if necessary, firewater collected in retention area.  Arrange for disposal of contaminated firewater at off site treatment facility.  Preservation of scene for statutory requirements.  Cleaning and restoration of PPE & other equipment.  Replacement of consumable emergency equipment. |

# Coordinating with persons

## Emergency Services

The agencies responsible for specific aspects on a site (when called) or external site emergency are:

## Coordinating Agency

The New South Wales Police will assume the role of Coordinating Agency which will oversee a significant incident with offsite impact.

If the fire services are on the scene before the police, then the senior officer will assume this role until the police arrive.

The senior officer takes charge of:

* Ground control
* Traffic control
* Evacuation - Neighbours
* Security
* Co-ordination.

## Control Agency

The NSW Fire and Rescue will be the Control Agency for most emergency incidents.

The senior officer on -site takes charge of:

* Fire fighting
* Spillage control
* Containment
* Rescue
* Making the area safe
* Clean up
* Decontamination.

**16.4**  **Medical Agency**

The NSW Ambulance Service will be the medical authority for emergency incidents.

The senior officer on-site takes charge of:

* Treating victims
* Transport to hospital.

# Staff training

All employees will receive annual refresher training on the Pollution Incident Response Management Plan (this document).

Training records are maintained electronically under employee records in Ixom’s Learning Management System found on our people site – Ixsite (provided by SAP Success Factors) accessible via Ixom intranet.

# Testing and updating of the PIRMP

The PIRMP is tested as part of the annual emergency exercise, which is schedule in VelocityEHS, as a recurring inspection.

Below are the dates of the exercises and plan revisions:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| PIRMP testing and Update details | | | | |
| **Date tested** | **Tested by**  **(to include the names of all people involved in testing)** | **Details of test**  **(e.g. nature of the test, involvement of other agencies)**  **Note: Testing must cover all components of the plan.** | **Finding of test, including issues identified** | **Next scheduled testing date**  **(must be within 12 months from current test)** |
| 30/09/2016 | Nigel Harpley, Chantel Meikle | Reviewed plan details, incorporated feedback from EPA PIRMP review on 23 August 2016. | Modified contact details on notification list to be current. | 25/09/2017 |
| 22/09/2017 | Nigel Harpley,  Joe Gaudiosi | Reviewed plan details, and reviewed findings from emergency desktop exercise on 16 March 2017. | Checked contact list, no further changes required. | 25/09/2018 |
| 24/09/2018 | Nigel Harpley,  Joe Gaudiosi | Reviewed plan details, Updated contact details names and contact numbers. | No further changes required. | 25/09/2019 |
| 5/03/2019 | Nigel Harpley,  Will Harris &  Colin Waiting | Reviewed plan details, Updated contact details names and contact numbers. | No further changes required. | 06/03/2020 |
| 15/05/2020 | Nigel Harpley, Paul Alcock, Troy Simpson | Conducted emergency exercise (leak on flange during shipping) and checked contact details. | Updated PIRMP. | 01/06/2021 |
| 29/06/2021 | Nigel Harpley, Chantel Meikle | Reviewed plan details. | Updated contact list and prepared redacted version for online publication. | 15/06/2022 |
| 30/09/2021 | Nigel Harpley,  Joe Gaudiosi, Phil Carey | Reviewed plan details, reviewed findings from emergency desktop exercise, checked contact list. Reviewed training records all up to date. | No changes required | 01/01/2023 |
| 17/01/2023 | Nigel Harpley, Benedick Pagarigan, Ken Bowles, Paul Alcock | Investigation and review of response plans following Incident on 12 January 2023 | Update of response plan as a result of the incident.  Update of plan after review following testing and investigation in January 2023. | 15/01/2024 |
| 06/03/2024 | Grant Tilling, Paul Alcock and Paul Keating | Tested “fire in the ADP Office” scenario. Reviewed Site Emergency Plan details, | No further action required. | 01/03/2025 |
|  |  |  |  |  |