

7.1 Notification level exceedance

Response	Action taken by MI
Step 1	
<p>- Notify EPA via email info@epa.nsw.gov.au within 24 hours of receiving results (MI Notification form & Section 2.2).</p> <p>- Upload results to MI website within 14 days of receiving results http://www.mirrigation.com.au/Environment/Water-Quality/Water-Quality-Test-Results</p>	<p><i>Exceedance raised in Beakon</i></p>
Step 2	
<p>Review previous chemical notifications at the monitoring point to determine if further investigation is required. This may include:</p> <ul style="list-style-type: none"> ▪ Desktop analysis considering land uses, chemical use and drainage flows ▪ Drainage inlet inspection and/or; ▪ Sample collection at or near drainage inlet locations <p><i>Investigation may be limited by duration of drainage flow events and/or environmental conditions</i></p>	<p>If chemical detection trends are evident, the following may be done:</p> <ul style="list-style-type: none"> ▪ include information on chemical use awareness in customer newsletter, and/or ▪ notify (letter/SMS) customers in catchment area of chemical detections and request action be taken to limit the release of chemicals into MI works

7.2 Action level exceedance

Response	Action taken by MI
Step 1	
<p>- Notify EPA via email info@epa.nsw.gov.au within 24h hours of receiving results (MI Notification form & Section 2.2).</p> <p>- Upload results to MI website within 14 days of receiving results http://www.mirrigation.com.au/Environment/Water-Quality/Water-Quality-Test-Results</p>	<p><i>All actions are to be outlined in the chemical detection report provided to EPA and an update provided once actions are closed or as agreed with EPA.</i></p> <p><i>Exceedance raised in Beakon</i></p>
Step 2	
<p>Inspect drainage catchment to determine source, which can include:</p> <ul style="list-style-type: none"> ▪ Desktop analysis considering land uses and drainage flows ▪ Drainage catchment inspection and/or; ▪ Sample collection at drainage inlet locations <p><i>Investigation may be limited by duration of drainage flow events and/or environmental conditions.</i></p>	<p>If point source identified:</p> <ol style="list-style-type: none"> 1. Contact the customer and request appropriate measures be put in place to prevent further chemical detections (e.g. ensure holding time requirements are met, complete on farm works). <p>If point source cannot be identified:</p> <ol style="list-style-type: none"> 1. SMS message or letters sent to all customers on drainage channel <p><i>Note: Customers who do not have a drainage point from their holdings and are unlikely to be the source of any discharge (inadvertent or otherwise) may be excluded from communications.</i></p>

Response	Action taken by MI
Step 3	
<p>If consecutive Action Level detections of the same chemical are identified at any one site, further investigation is required to identify causative factors, which may include:</p> <ul style="list-style-type: none"> ▪ Monitoring program for individual drainage inlets (may be charged back to customer) ▪ Audit of on-farm recycling systems and chemical use records 	<p>If further investigation identifies a customer is responsible for continued Action Level detections:</p> <ul style="list-style-type: none"> ▪ A NON-COMPLIANCE letter is sent to the customer requesting remedial action be completed to prevent further Action level detections at this site. <i>This letter will outline the appropriate action that will be taken in response to continued Action Level detections, which may include:</i> <ul style="list-style-type: none"> ○ Requirement for customer to conduct works or implement other control measures ○ Denied access to drainage works; ○ Discontinuation of the supply of water ▪ Update sent to EPA on investigation progress and/or outcomes. <p><i>Note:</i></p> <ul style="list-style-type: none"> ▪ If the customer is found to be responsible for consecutive Action Level detections, they will be referred to the local EPA for further action.

8 Compliance requirements

8.1 EPL requirements

Table 3 details the relevant sections where the EPL conditions are covered in this plan.

Table 3 EPL conditions and coverage under chemical contingency plan

EPL conditions	Plan section
EPL O3 Process and Management Conditions	
O3.1 The licensee must maintain a chemical contingency plan. The chemical contingency plan must include the following information:	This plan
a) reproduce Schedule 1 to this licence, which lists certain chemicals (the “Scheduled Chemicals”) and stipulates the notification and action levels in relation to each Scheduled Chemical;	Table 2
b) describes in detail, in relation to each Scheduled Chemical what actions the licensee will take in the event that the relevant notification level is exceeded in samples of irrigation waste water;	Section 7.1 and Figure 1
c) describes in detail, in relation to each Scheduled Chemical what actions the licensee will take in the event that the relevant action level is exceeded in samples of irrigation waste water;	Section 7.2 and Figure 1
d) describes in details, procedures and action, consistent with the State Emergency Management Plan (EMPLAN) requirements, that the licensee will implement to deal with a chemical spill or similar incident.	Pollution Incident Response Management Plan
O3.2 Without limiting the generality of condition O3.1, the chemical contingency plan must include the following information:	Section 7.1
(a) details of the enhanced level of investigation to be undertaken upon exceedance of the notification level for any Scheduled Chemical;	
(b) details of the process by which the EPA will be notified of any exceedance of the notification level for any Scheduled Chemical;	Section 2.2
(c) details of the proposed public notification process to increase irrigator awareness of the existence of any exceedance of a notification and/ or action level;	Sections 5 and 7
(d) details of the proposed emergency measures to be used to immediately bring about a reduction in the level of any Scheduled Chemical in irrigation waste water whenever an exceedance of a notification and/ or action level occurs; and	Pollution Incident Response Management Plan and Section 6
(e) details of the mechanisms proposed to be used to restrict the discharge or irrigation of waste water should such direction be received from the EPA.	Sections 4 and 6.1
O3.3 The licensee must update and submit the updated chemical contingency plan to the EPA for approval if any significant changes are made to the plan by the licensee.	Noted
O3.4 The licensee must comply with the terms of the updated chemical contingency plan once it has been approved by the EPA.	Noted
R5 Other reporting conditions	
Reporting exceedance of chemical contingency plan levels R5.1 If the licensee, or any of its employees, servants or agents becomes aware that any: (a) notification level; or (b) action level set out in relation to a chemical contingency plan and/or Schedule 1 to this licence has been exceeded, the licensee must as soon as possible and, in any event, within 24 hours, notify the EPA by email to: info@epa.nsw.gov.au	Sections 3 and 7
Special Conditions	
E1 Conditions of supply	Sections 4 and 7.2
E1.1 The licensee must not supply water to a customer unless the supply is conditional upon the following: (a) that the customer must comply with any reasonable direction of the licensee for the purpose of reducing the impact of pollutants on receiving waters;	

EPL conditions	Plan section
(b) that the customer will grant the licensee all reasonable access to the customer's premises and provide the licensee with all reasonable assistance for the purposes of the licensee determining whether the customer is complying with (a) above; and (c) that if the customer fails to comply with the requirements set out in paragraphs (a) and (b) above, the licensee may deny the customer any services provided by the licensee.	
E1.2 The licensee must monitor compliance by customers with the conditions of the supply of water to the customer by the licensee as required for the licensee to meet its obligations under this licence.	Section 2
E1.3 The licensee must produce to the EPA a copy of any contract or details of any arrangement it enters into with a customer in relation to any supply of drainage services within 7 days of receipt of a written request from the EPA that it do so.	Noted
E2 Discontinuation of the provision of services	
E2.1 In the event that a customer fails to comply with any condition of the supply of water to a customer required by this licence that has caused, is causing or is likely to cause harm to the environment, whether on or off the premises, the licensee must take appropriate action within (7) days to prevent the continuance of the non compliance.	
E2.2 In condition E2.1, "appropriate action" includes the licensee doing one or more of the following: (a) sending a letter to the relevant customer containing a warning that the licensee will discontinue the supply of water if the relevant non compliance with the condition of supply is not rectified by a specified date; (b) refusal to or discontinuance of the supply of water to a customer; (c) causing such works to be conducted such as to prevent the continuance of the non compliance by the customer; (d) notifying the customer in writing that the licensee no longer consents to the discharge of any substances into a work owned by the licensee.	Sections 4 and 7
<i>Note: The purpose of conditions E2.1 and E2.2 is to ensure that the licensee requires customers to take such steps as are necessary to ensure that the licensee is able to meet its obligations under this licence.</i>	

8.2 Combined approval 40CA403245

Table 4 details the relevant sections where the Combined Approval condition is covered in this plan.

Table 4 Combined approval condition and coverage under chemical contingency plan

Combined Approval Discharge of Blue Green Algae Condition	Plan section
6. The Approval Holder, on becoming aware of an imminent or actual discharge of water containing blue green algae in a Red Level Action Mode from the Approval Holder's supply or drainage channels to waters outside the Area of Operations, must immediately report such condition to the Minister's nominated contact officer. Note: This requirement does not mitigate any responsibilities the Approval Holder may have under a Regional Algal Co-ordinating Committee's Contingency Plan.	Section 2.2, 3.2 and 7