

SECTION 14 INCIDENT REPORT (*Waste Management and Pollution Control Act*)

Date and Time of Notification:	Friday 23 rd April 2021, 17:00 hrs
Person / Company:	Power and Water Corporation (PWC)
Incident:	Discharge of raw sewage from sewerage network (Sewage Pumping Station (SPS))

(a) the incident causing or threatening to cause pollution	<i>i. Description of the waste that was discharged.</i> Raw sewage (no gross pollutants) <i>ii. Indicative wastewater quality for the discharge.</i> Indicative wastewater quality for this overflow can be found in Table 1. Rainfall leading up to the overflow was 0.0mm for the previous 7 days, (Alice Springs Airport Weather Station – 015590), therefore raw sewage is believed to have overflowed from the SPS. Table 1 includes wastewater quality results from the Alice Springs Wastewater Stabilisation Pond 1 inlet. Table 1 <table border="1"> <thead> <tr> <th>Sample Date</th><th>E. Coli (MPN/100mL)</th></tr> </thead> <tbody> <tr> <td>13/04/2021</td><td>36,090,000</td></tr> <tr> <td>07/04/2021</td><td>12,740,000</td></tr> </tbody> </table> Location: SAA001 (Alice Ponds Inlet) <i>iii. Volume of the waste that was discharged.</i> The volume of wastewater discharged is unknown. No telemetric monitoring occurs at the site of discharge. Based on the area affected, which was approximately 15 square meters, it is estimated by PWC Operations that approximately 1KL of sewage was spilt. The overflow was resolved shortly after attendance to the site by PWC. Discharge of raw sewage was associated with an issue with the wet well level transducer which was effected by floating scum within the wet well chamber. The transducer has since been corrected and is now operational.	Sample Date	E. Coli (MPN/100mL)	13/04/2021	36,090,000	07/04/2021	12,740,000
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(b) the place where the incident occurred	<i>i. Description of the PWC asset from which the discharge occurred.</i> Old-timer sewage pumping station (SP730) – 245 Stuart Highway, Alice Springs (Lot 446). <i>ii. GPS coordinates of the discharge point from the PWC asset, and the final coordinates of the final discharge point.</i> Discharge Point: 133.8703236E, 23.7416555S (SPS730 – Lot 446) Final Discharge Point: 133.8707117E, 23.7416169S (dry river bed – Lot 8288) <i>iii. Indicate any locations nearby to the discharge point where public can gain ready-access, such as public open spaces through which the discharge moves.</i> Public access is generally available to the overflow site, however upon resolution of the overflow fencing has been installed to prevent access. The land was checked for gross pollutants of which none were visible.
(c) the date and time of the incident	<i>i. The time and date of commencement and cessation of the discharge.</i> The commencement time of the overflow is unknown. The overflow was observed at approximately 9:00am on 23/04/21 and was stopped at approximately 10:00am (23/04/21). <i>ii. How PWC were notified, or became aware of the discharge.</i> PWC staff noticed irregularities with the SPS online trending which triggered an inspection. PWC staff attended the area at approx. 9:00am (23/04/21). From this PWC resolved the issue. <i>iii. The process by which the discharge occurred.</i> Discharge of raw sewage was associated with an issue with the wet well level transducer which was effected by floating scum within the wet well chamber. Levels within the SPS wet well rose until a discharge took place via the emergency/overflow discharge pipe. The transducer has since been corrected and is now operational. <i>iv. The reason why the discharge occurred.</i> As per (c) iii. Sewerage network infrastructure has been designed to overflow with the best public health and environmental outcomes possible. Design focuses on not overflowing directly inside houses; rather discharge is designed to occur in a controlled manner at locations which can be accessed for infrastructure repair and clean up.

(d) how the pollution has occurred, is occurring or may occur	As per (c) iii & (c) iv.
(e) the attempts made to prevent, reduce, control, rectify or clean up the pollution or resultant environmental harm caused or threatening to be caused by the incident	<i>i. Confirmation signage and fencing has been erected, as appropriate.</i> Upon arrival to site by PWC officer and resolution of overflow, fencing has been installed to prevent access by the public. <i>ii. Decontamination of the site as appropriate.</i> Site was inspected for any wastewater gross pollutants, of which none were observed.
(f) the identity of the person notifying the NT EPA	PWC Environmental Team on behalf of Water Services

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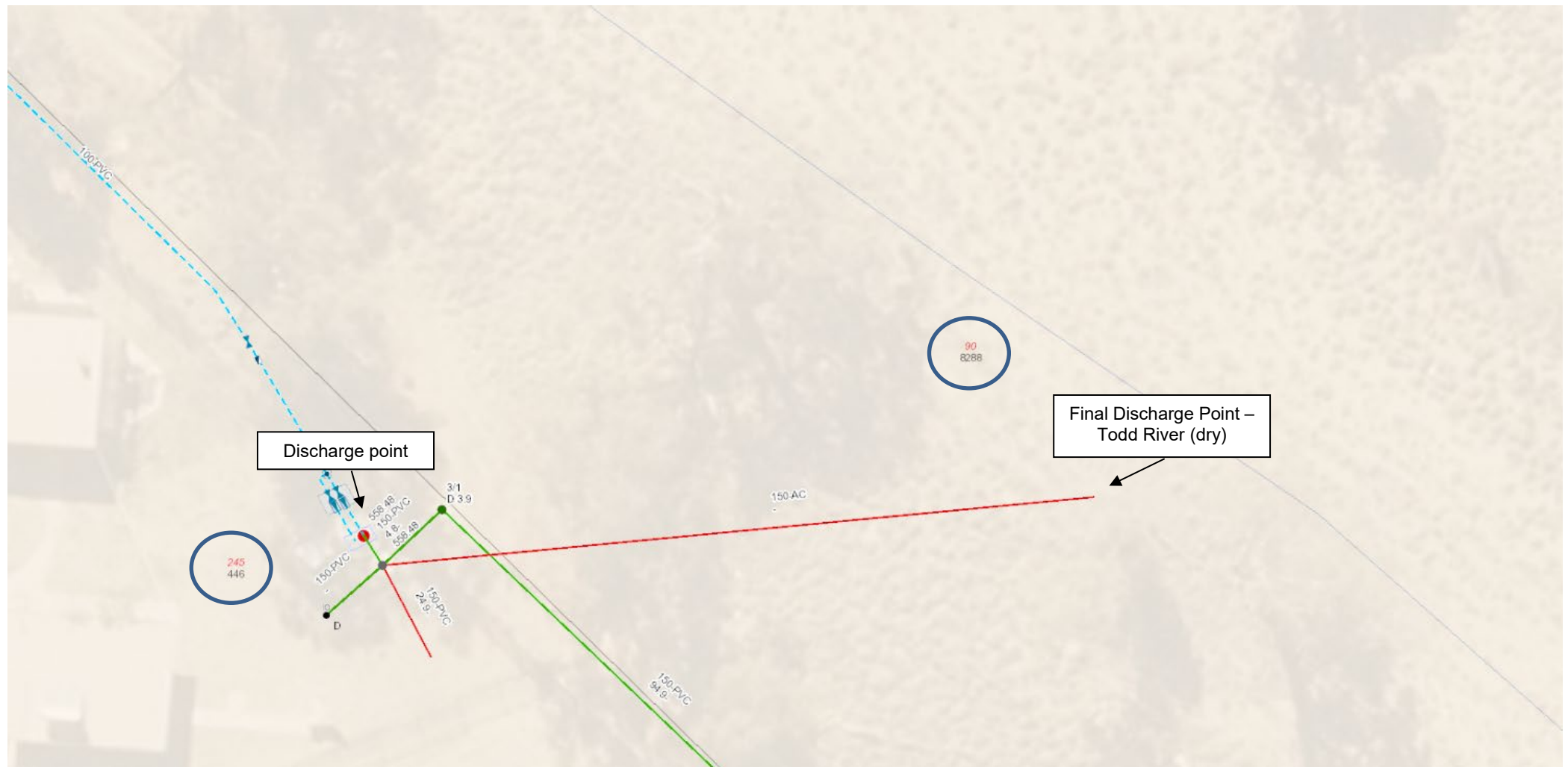
Appendix A – Location Map (Old-timer SPS, Alice Springs)

Overflow Location Map



NOTE: The broken red line denotes an underground emergency/overflow discharge pipe.

Overflow Location Map – Lot Numbers



Overflow site



Fenced-off Overflow Site

