

PROJECT

Connah's Quay Low Carbon Power

CONSULTANT

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NOTES

1. DETAILS OF THIS SYSTEM TBC IN FEED.
2. EMISSION POINTS FOR DISCHARGE TBC IN FEED.
3. SYSTEM IS CONNECTED TO SOURCES WHERE HEAVY OIL CONTAMINATION IS POSSIBLE E.G. FROM LARGE MACHINERY AND IS DESIGNED FOR THIS HIGHER OIL LOADING. OUTLET OF INTERCEPTOR TO INCLUDE OIL DETECTION AND AUTOMATED SHUT-OFF IF OIL IS DETECTED. WITHIN THE 'STORM WATER TREATMENT' UNIT A SYSTEM FOR TREATING LIGHT OIL CONTAMINATION FROM OTHER AREAS SUCH AS ROADS IS INCLUDED.
4. THE SUMPS IN POTENTIALLY CONTAMINATED AREAS SHALL BE DESIGNED TO CATER FOR CONTAMINATED RAINWATER FOR THE INITIAL 25 MINUTES OF RAINFALL BASED ON 1 TO 30 YEAR RETURN. A 20 % MARGIN IS TO BE APPLIED. AFTER INITIAL PERIOD RUNOFF WILL BE DIVERTED AUTOMATICALLY TO THE MAIN STORM WATER DRAINAGE. CIVILS TO PROVIDE LOCAL SUMPS AND RETENTION SEPARATORS AS REQUIRED.
5. SUMPS & DRAIN TANKS CONTAIN A CONNECTION FOR DIRECT REMOVAL OF CONTAMINATED MATERIAL BY TANKER.
6. AFTER THE INITIAL 15 MINUTES OF RAINFALL, THE RUNOFF FROM VARIOUS AREAS WILL NOT BE OF CONTAMINATED NATURE AND CAN BE AUTOMATICALLY DIVERTED TO THE MAIN STORM DRAIN SYSTEM.

ISSUE PURPOSE

Environmental Permit Application

APPROVED FOR ISSUE

-	DJ	CB	AG
I/R	DRAWN BY	CHECKED	APPROVED

ISSUE/REVISION

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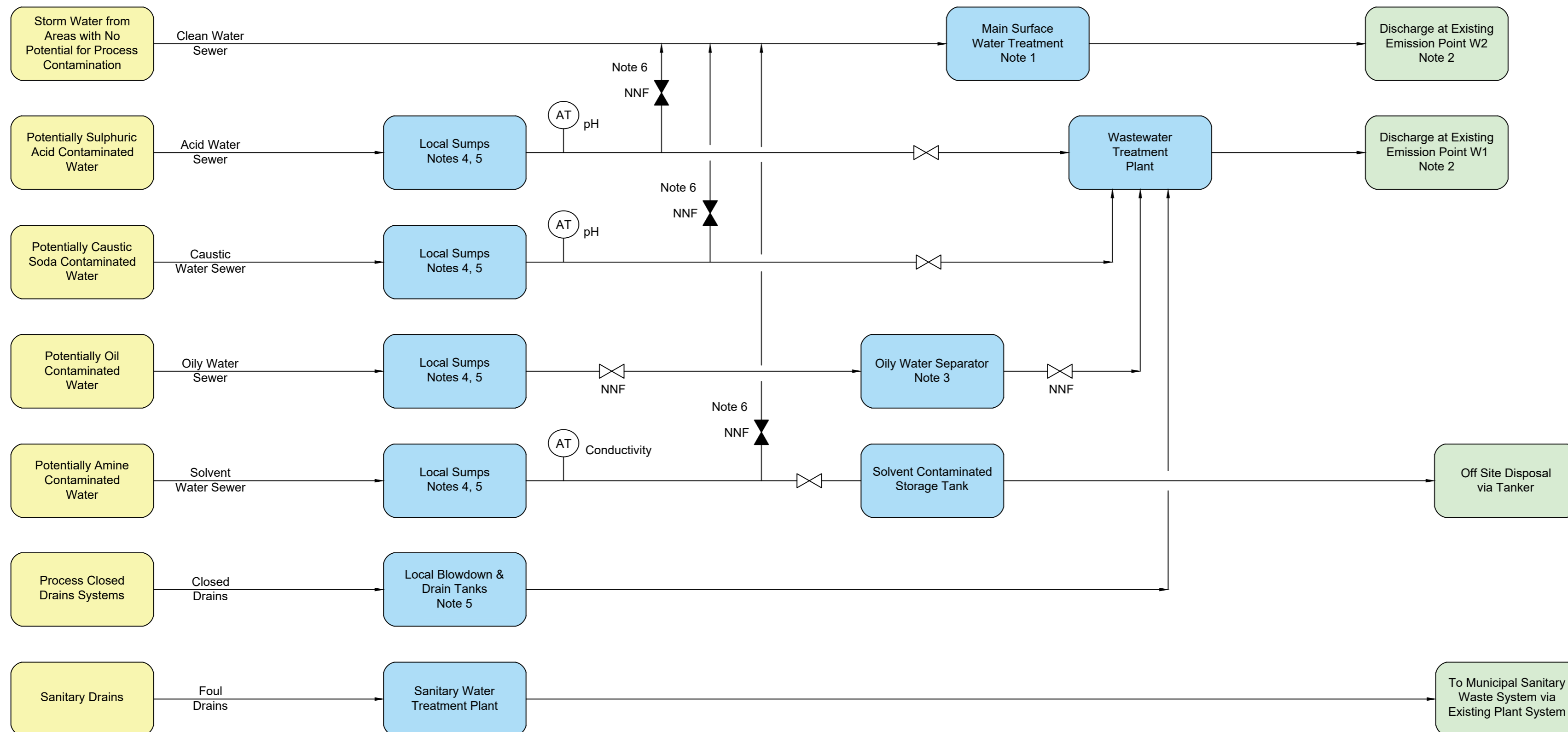
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FIGURE TITLE

Drainage Philosophy
Technology Licensor 1

FIGURE NUMBER

Figure 9



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