

Name and Reference		Sewage Treatment Works, Whittingham Hospital N11499			Activity (Revision)	Site Risk Assessment (Rev.2)			
Access Arrangements		Permission to be granted from the managing agent and notify security at the main part of the Whittingham site SARF to be sign if the managing agent isn't present at the time of the visit.							
Assessment Date		26/08/2015	Review Date		26/08/2016	Job Number		5060.LRM.Whitt	
Assessment Team		Project Leader			Assessor		Mark Gregson		
Mark Gregson		Mark Gregson		Mark Gregson		Mark Gregson			
1 Hazard (something with the potential to cause harm)	2 Hazard Description (how will the hazard be realised)	3 Consequences (the potential Injury sustained)	4 Receptors	5 Existing Control Measures			6 Severity	7 Probability	8 Risk Rating
Access	Threats of violence and abuse.	Physical injury and emotional abuse	E, C, V	Pumps and control equipment is kept locked. Site is inspected on a fortnightly basis including perimeter security. The area is completely fence with one pedestrian access gate near the discharge point and a vehicle gate at the end of the access track. Keys to be obtained from the managing agent			2	1	2
Biological Hazard	Cuts and infection. Contact with hazardous waste	Infection, cut injuries, Hepatitis, HIV, Weils Disease	E, C	Regular site inspections carried out by Managing Agent. Appropriate PPE should be worn at all times. Hand washing facilities should be made available.			2	3	6

Receptors (column 4)	Severity (column 6)		Probability (column 7)		Risk Rating (column 8)	Acceptable	
HCA – HCA Staff	1	No Injury	1	Very Unlikely	Severity X Probability = 1 to 9	C	Acceptable level of risk subject to regular monitoring to ensure controls remain effective.
GE – Green Estate Consultants	2	Minor Injury	2	Unlikely			
C - Contractors	3	Moderate Injury	3	Likely	Severity X Probability = 10 to 15	B	Control measures to reduce risk must be identified within the appropriate section
V - Visitors	4	Serious Injury	4	Very Likely			
P - Public							
A - All	5	Major Injury	5	Virtually Certain	Severity X Probability = 16 to 25	A	Unacceptable level of risk which requires urgent corrective action

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Confined Spaces	Poor air quality and contact with hazardous materials	Asphyxiation, Weils disease, Hepatitis	E, C	The site is fenced to prevent unauthorised access to the confined spaces. All shafts are covered and secured. No entry into confined spaces without Risk Assessments and Method Statements being submitted prior to the Managing Agent for approval.	2	2	4
Contact with Moving Parts	Entanglement, contact with moving parts and drawing in.	Cuts, abrasions, amputations	C	All moving parts should be protected by guards or interlock systems. No work to be carried out on live equipment. Only authorised and trained persons to carry out any work on equipment on site. Any defects in equipment should be reported to the Managing Agent immediately.	2	2	4
Failure of Control Equipment & Pump	Uncontrolled discharge	Environmental impact, environmental prosecution, contact with hazardous materials	A	G.Singleton are responsible for servicing the pumps and control equipment on a regular basis. Fortnightly inspections are carried out by TEP which includes pump run and recirculation of the sluge tank.	3	3	9

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Legionella	Fine droplets of water for between temperatures 20c and 50c, temperature outside this range provide a suitable environment for many types of micro-organisms including Legionella.	Respiratory problems and chest infection, pneumonia, and flu like symptoms	HCA, GEC, C, A	Stop fine droplets of water forming. Water supply has been turned off at the stop cock. System to be flushed if the building is to be occupied.	3	2	6
Manual Handling	Various	Back injuries, sprains	C	Use mechanical lifting aids. All works are to be risk assessed before commencement on site. All lifting equipment is to be serviced and tested before use.	2	2	4
Services	Live electrics	Utility strikes, poor condition of electrics	C, V, E	Electrical installations should be inspected every 5 years. PPM scheme in place. Any defects should be reported immediately to the Managing Agent.	2	1	2

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Assessment Comments

New equipment is to be installed on one filter bed by Hambaker Adams at the end of Nov 2013

Approver	Elizabeth Plumpton	Approval Date	27/08/2015
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Access
Health and Safety at Work Act 1974 (HSW Act)
INDG 69 Violence At Work
INDG 73 (Rev 3) Working Alone
Occupiers Liability Act 1957
Confined Spaces
Confined Spaces Regulations 1997
HCA Health and Safety Policy 2014 Issue 8
HSG 250 Guidance on Permit-to-Work Systems
INDG 258 (Rev 01) Confined Spaces a Brief Guide to Working Safely
L101 Safe work in confined spaces. Confined Spaces Regulations 1997
Legionella
BS 6920-2.2.1:2000 +A2:2008 Suitability of Non-Metallic Products for Use in Contact with Water Intended for Human Consumption with Regard to Their Effect on the Quality of t
Control of Substances Hazardous to Health Regulations 2002
HCA Health and Safety Policy 2014 Issue 8
HSG 274 Part 1, 2, 3 and 4
INDG 458 Legionnaires Disease A Brief Guide for Duty Holders
L8 Legionnaires Disease: The Control of Legionella Bacteria in Water Systems
Manual Handling
HCA Health and Safety Policy 2014 Issue 8
INDG 143 Manual Handling at Work: A Brief Guide
INDG 383 (Rev 01) Manual Handling Assessment Charts
INDG 398 (Rev 01) Are You Making the Best Use of Lifting and Handling Aids
The Manual Handling Operations Regulations 1992
Services
Construction Design Management Regulations 2015 (CDM 2015)
GS6 Avoiding Danger from Overhead Power Lines
HCA Health and Safety Policy 2014 Issue 8

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