

APPENDIX G.3

CHEMICAL WATER QUALITY ASSESSMENT DATA

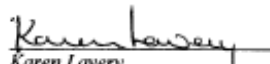
ANALYSIS REPORT

CUSTOMER:	BIOSPHERE ENVIRONMENTAL SERVICES	SAMPLE TYPE:	SURFACE WATER
ADDRESS:	29 La Touche Park, Greystones County Wicklow	CONDITION OF SAMPLE ON RECEIPT:	Satisfactory
REPORT TO:	BRIAN MADDEN / BILL QUIRKE	DATE SAMPLED:	~
SAMPLED BY:	Bill Quirke Conservation Services Ltd	DATE RECEIVED:	25 July 2011
SAMPLING PT:		DATE ANALYSED:	25 - 28 July 2011
ORDER NO:		DATE REPORTED:	28 July 2011
		WORK NO.:	25060 C 11P-083

TABLE OF RESULTS

LAB REF:	YOUR REF:	METHOD:	**2130 B	SCP 010
		PARAMETER:	* Turbidity, NTU	Suspended Solids, mg/L
C11-Jul 389	F1		1.49	<2.0
C11-Jul 390	F2		0.68	<2.0
C11-Jul 391	F3		1.3	<2.0
C11-Jul 392	F4		0.73	<2.0
C11-Jul 393	F5		0.6	<2.0
C11-Jul 394	F6		1.76	2.0
C11-Jul 395	F7		1.21	2.0
C11-Jul 396	F8		0.49	<2.0
C11-Jul 397	F9		0.50	<2.0

** Adapted from 'Standard Methods for the Examination of Water and Wastewater'.


Karen Lavery
Chemistry Laboratory

- The results relate only to the items tested.
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- Tests marked '**' in this report are not included in the INAB accreditation schedule for this laboratory.
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(registered office)
dunrine | killarney | county kerry | ireland | telephone +353 (0)64 6633922 | fax +353 (0)64 6639022
web site www.southernscientificireland.com | e-mail info@southernscientificireland.com

directors: K. Murphy, M. Murphy & C. Murphy
registered in ireland no 323196 | vat reg no IE 6343196 M





ANALYSIS REPORT

CUSTOMER:	CONSERVATION SERVICES	SAMPLE TYPE:	SURFACE WATER
ADDRESS:	Tullaha Glenflesk Killarney County Kerry	CONDITION OF SAMPLE ON RECEIPT:	Satisfactory
REPORT TO:	BILL QUIRKE	DATE SAMPLED:	29 July 2015
SAMPLED BY:	Bill Quirke	DATE RECEIVED:	30 July 2015
SAMPLING PT:	-	DATE ANALYSED:	04 August 2015
ORDER NO:	-	DATE REPORTED:	05 August 2015
		WORK NO.:	33275 C 14P-100

TABLE OF RESULTS

Method:	Parameter:	Unit	C15-Jul 569	C15-Jul 570	C15-Jul 571	C15-Jul 572
			10	11	12	13
	Chemical Analysis:					
SCP 010	Suspended Solids	mg/L	<2	<2	<2	<2
SCP 041	* Turbidity	NTU	1.25	5.29	0.87	0.85

TABLE OF RESULTS

Method:	Parameter:	Unit	C15-Jul 573	C15-Jul 574
			14	15
	Chemical Analysis:			
SCP 010	Suspended Solids	mg/L	<2	36
SCP 041	* Turbidity	NTU	0.24	5.08


Jennifer Keane
Chemistry Laboratory Manager

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(registered office)

4 park business centre | **farrafore** | county kerry | ireland | telephone +353 66 976 3588 | fax +353 66 976 3589
dunrine | **killarney** | county kerry | ireland | telephone +353 64 66 33922 | fax +353 64 66 39022

web site www.southernscientificireland.com | e-mail info@southernscientificireland.com

directors: K. Murphy, M. Murphy & C. Murphy
registered in ireland no 323196 | vat reg no IE 6343196 M

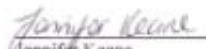


ANALYSIS REPORT

CUSTOMER:	CONSERVATION SERVICES	SAMPLE TYPE:	SURFACE WATER
ADDRESS:	Tullaha Glenflesk Killarney County Kerry	CONDITION OF SAMPLE ON RECEIPT:	Satisfactory
REPORT TO:	BILL QUIRKE	DATE SAMPLED:	16 August 2015
SAMPLED BY:	Customer	DATE RECEIVED:	17 August 2015
SAMPLING PT:	-	DATE ANALYSED:	17 August 2018
ORDER NO:	-	DATE REPORTED:	18 August 2015
		WORK NO.:	33417 C 14P-100

TABLE OF RESULTS

Method:	Parameter:	Unit	C15-Aug 362	C15-Aug 363	C15-Aug 364	C15-Aug 365
			16	17	18	19
	Chemical Analysis:					
SCP 010	Suspended Solids	mg/L	<2	<2	<2	<2
SCP 041	* Turbidity	NTU	0.64	5.50	1.14	0.86


 Jennifer Keane
 Chemistry Laboratory Manager

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 dunrine | **killarney** | county kerry | ireland | telephone +353 64 66 33922 | fax +353 64 66 39022

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CONDUCTIVITY (μs) & pH

Date		F1	F2	F3	F4	F5	F6	F7	F8	F9
1/6/11	Cond.	-	-	-	-	40	30	30	40	40
	pH	-	-	-	-	6.8	5.6	6.5	7.1	6.9
6/6/11	Cond.	-	40	40	30	30	30	-	-	-
	pH	-	7.0	7.2	7.0	6.9	5.9	-	-	-
11/6/11	Cond.	-	40	40	-	-	-	-	-	-
	pH	-	7.2	7.4	-	-	-	-	-	-
14/6/11	Cond.	40	-	-	-	-	-	-	-	-
	pH	7.0	-	-	-	-	-	-	-	-
22/7/11	Cond.	-	-	-	30	30	20	20	30	20
	pH	-	-	-	7.1	6.8	5.6	6.7	7.5	6.9
23/7/11	Cond.	40	40	40	-	-	-	-	-	-
	pH	7.1	7.1	7.3	-	-	-	-	-	-

Date		F10	F11	F12	F13	F14	F15	F16	F17	F18	F19
29/7/15	Cond.	40	55	47	49	30	43	98	-	-	-
	pH	5.7	5.2	5.6	5.5	5.3	6.9	6.3	-	-	-
15/8/15	Cond.	-	-	-	-	-	-	-	78	70	73
	pH	-	-	-	-	-	-	-	5.8	6.3	6.7