

Chemtech Environmental Limited

SOLIDS

Lab number			130970-1	130970-2	130970-3	130970-4	130970-5
Sample id			NB1	NB2	NB3	NB4	NB5
Depth (m)			-	-	-	-	-
Date sampled			28/02/2024	29/02/2024	01/03/2024	02/03/2024	03/03/2024
Test	Method	Units					
Arsenic (total)	CE264	mg/kg As	4.1	3.9	3.5	3.6	3.7
Boron (water soluble)	CE063	mg/kg B	1.1	1.3	0.9	0.9	1.3
Cadmium (total)	CE264	mg/kg Cd	<1.6	<1.6	<1.6	<1.6	<1.6
Chromium (total)	CE264	mg/kg Cr	35.8	38.5	29.2	27.0	30.7
Copper (total)	CE264	mg/kg Cu	16.6	15.5	13.9	12.7	12.6
Lead (total)	CE264	mg/kg Pb	21.9	17.6	14.9	20.9	13.5
Mercury (total)	CE264	mg/kg Hg	<0.7	<0.7	<0.7	<0.7	<0.7
Nickel (total)	CE264	mg/kg Ni	13.0	11.3	13.5	11.9	10.8
Selenium (total)	CE264	mg/kg Se	<3	<3	<3	<3	<3
Zinc (total)	CE264	mg/kg Zn	49.4	42.1	43.5	42.0	43.9
pH	CE004	units	8.2	8.3	8.3	8.3	8.5
Sulphate (2:1 water soluble)	CE061	mg/l SO4	575	62	16	13	53
Sulphate (acid extractable)	CE062	mg/kg SO4	1581	225	187	185	204
Sulphur (free)	CE034	mg/kg S	<10	<10	<10	<10	<10
Sulphide	CE016	mg/kg S2-	49	11	15	15	19
Cyanide (free)	CE077	mg/kg CN	<1	<1	<1	<1	<1
Cyanide (total)	CE077	mg/kg CN	<1	<1	<1	<1	<1
Thiocyanate	CE145	mg/kg SCN	<1	<1	<1	<1	<1
Phenols (total)	CE078	mg/kg PhOH	<0.5	<0.5	<0.5	<0.5	<0.5
Loss On Ignition between 180°C & 440°C	CE150	% w/w	1.0	1.1	0.9	1.2	0.8
PAH							
Naphthalene	CE087	mg/kg	<0.02	0.06	<0.02	<0.02	<0.02
Acenaphthylene	CE087	mg/kg	<0.02	<0.02	<0.02	<0.02	<0.02
Acenaphthene	CE087	mg/kg	<0.02	<0.02	0.02	<0.02	<0.02
Fluorene	CE087	mg/kg	<0.02	<0.02	<0.02	<0.02	<0.02
Phenanthrene	CE087	mg/kg	0.06	0.16	0.16	0.03	0.03
Anthracene	CE087	mg/kg	<0.02	0.03	0.04	<0.02	<0.02
Fluoranthene	CE087	mg/kg	0.12	0.37	0.27	0.11	0.14
Pyrene	CE087	mg/kg	0.10	0.31	0.22	0.09	0.13
Benzo(a)anthracene	CE087	mg/kg	0.06	0.16	0.13	0.06	0.08
Chrysene	CE087	mg/kg	0.06	0.14	0.14	0.07	0.07
Benzo(b)fluoranthene	CE087	mg/kg	0.06	0.18	0.13	0.07	0.10
Benzo(k)fluoranthene	CE087	mg/kg	0.03	0.09	0.05	<0.03	0.04
Benzo(a)pyrene	CE087	mg/kg	0.05	0.17	0.13	<0.02	0.09
Indeno(123cd)pyrene	CE087	mg/kg	0.04	0.13	0.09	<0.02	0.07
Dibenz(ah)anthracene	CE087	mg/kg	<0.02	0.03	0.02	<0.02	<0.02
Benzo(ghi)perylene	CE087	mg/kg	0.04	0.13	0.09	<0.02	0.07
PAH (total of USEPA 16)	CE087	mg/kg	0.60	1.96	1.52	0.42	0.82
TPH							
VPH (>C5-C7)	CE067	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
VPH (>C7-C8)	CE067	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
VPH (>C8-C10)	CE067	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
EPH (>C10-C12)	CE033	mg/kg	<6	<6	<6	<6	<6
EPH (>C12-C16)	CE033	mg/kg	<6	<6	<6	<6	<6
EPH (>C16-C21)	CE033	mg/kg	13	<6	<6	<6	<6
EPH (>C21-C35)	CE033	mg/kg	39	110	123	36	45
EPH (>C35-C44)	CE033	mg/kg	21	38	44	26	30
Subcontracted Analysis							
Asbestos (qualitative)	\$	-	NAD	NAD	NAD	NAD	NAD

264128

**WALLEYS
QUARRY**

Walleys Quarry Ltd
Walleys Landfill Site
Cemetery Road
Newcastle under Lyme
Staffordshire ST5 6DH

ID: 1000 Version: 01

INCOMING W/B TICKET

Ticket No 3155173
Ticket Date 17/5/2024 1:16:00P
Linked Tkt

Registration No : SKK111P
Carrier : Nick Brookes Recycling Lt
Carrier License No :
Driver : CRD1143371
Customer Name : L220 Nick Brookes Recycling Lt
Site Address : Green Lane
PO No :
SIC (2007) : 38320
Transfer Note :
WLC Code : 19 12 12
Waste Description : L220 - 009 191212 (LRT) Nick Brookes - Qualifing Fines

Origin : Cheshire East

	Time	Serial	Operator	Inbound		
In	17/5/2024 13:16	168803	Weighbridge		Gross	44,220.00 kg
Out	17/5/2024 13:51	179215	Weighbridge		Tare	20,160.00 kg
					Net	24,060.00 kg
					Qty	24.06 t

Comments:

Weighbridge Signature

Driver's Signature

I confirm that I have fulfilled my duty to apply the waste hierarchy as required by regulation 12 of the Waste (England and Wales) Regulations 2011.



Chemical Assessment: Nick Brookes Group, Report 130970(1)

- Heavy metals testing shows non-hazardous levels
- PAH testing shows non-hazardous levels
- TPH testing shows non-hazardous levels
- No PH issues
- No hazardous results found in the testing provided
- No asbestos detected
- LOI levels conform to fines standard protocols

This waste is suitable to be disposed as Qualifying Fines into a Non-hazardous landfill

Mark Screaton
Compliance Co-ordinator
Bramble Environmental
Mobile; 07930241730
Email: mscreaton@bramble-enviro.co.uk





Chemical Assessment: Nick Brookes Group, Report 130970(2)

- Heavy metals testing shows non-hazardous levels
- PAH testing shows non-hazardous levels
- TPH testing shows non-hazardous levels
- No PH issues
- No hazardous results found in the testing provided
- No asbestos detected
- LOI levels conform to fines standard protocols

This waste is suitable to be disposed as Qualifying Fines into a Non-hazardous landfill

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Bramble Environmental Limited. Company Registered in England & Wales. Company Number 11310076.
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Chemical Assessment: Nick Brookes Group, Report 130970(3)

- Heavy metals testing shows non-hazardous levels
- PAH testing shows non-hazardous levels
- TPH testing shows non-hazardous levels
- No PH issues
- No hazardous results found in the testing provided
- No asbestos detected
- LOI levels conform to fines standard protocols

This waste is suitable to be disposed as Qualifying Fines into a Non-hazardous landfill

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Chemical Assessment: Nick Brookes Group, Report 130970(4)

- Heavy metals testing shows non-hazardous levels
- PAH testing shows non-hazardous levels
- TPH testing shows non-hazardous levels
- No PH issues
- No hazardous results found in the testing provided
- No asbestos detected
- LOI levels conform to fines standard protocols

This waste is suitable to be disposed as Qualifying Fines into a Non-hazardous landfill

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Chemical Assessment: Nick Brookes Group, Report 130970(5)

- Heavy metals testing shows non-hazardous levels
- PAH testing shows non-hazardous levels
- TPH testing shows non-hazardous levels
- No PH issues
- No hazardous results found in the testing provided
- No asbestos detected
- LOI levels conform to fines standard protocols

This waste is suitable to be disposed as Qualifying Fines into a Non-hazardous landfill

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