

Appendix F

Waste Transfer Tickets - Muckaway

REIS GRAB HIRE LTD

137B Roundwood Road, London NW10 9UL
Telephone 020 8459 1475, Mobile 07951 179590
Registered Waste Carrier, CEADWAC Carrier No. CBDU94091

LORRY INFORMATION

CONTRACT NO.

16111

Registration:

☐ Grab ☐ Tipper ☐ Bin

CUSTOMER DETAILS (PRODUCER)

ALL HIRES ARE SUBJECT TO CPA TERMS & CONDITIONS

On behalf of:

Date:

Site address:

Time on site:

Time off site:

☐ Waiting time ☐ Cancelled job

DESCRIPTION OF WASTE

☒ Soil & Stones EWC 17.05.04

☐ Clean Hardcore EWC 17.01.07

☐ Tarmac/Bitumen EWC 17.03.02

☐ Mixed Construction Waste EWC 17.09.04

☐ Other (Please specify) EWC

☐ Materials Delivery SIC code

Quantity ☒ 8 Wheel load ☐ Weight Tonnes Waste is ☐ Loose ☐ Other

ROLONOF BINS

CASH RECEIVED

☐ 20 yd ☐ 40 yd ☐ Del ☐ Exc ☐ Coll

Amount:

I certify that the above particulars are true and relate to the waste being conveyed or disposed of, or materials being delivered, in pursuance of the sale. I am aware of and accept the conditions detailed on this note. By signing below 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.

Customer name:

Driver name:

Customer signature:

Driver signature:

DISPOSAL / TRANSFER POINT

☐ Haulage only

Site name:

Ticket No:

Site address:

☐ Ticket Attached

☐ Waste management license no:

☐ Exempt from license

Disposer signature:

Date:

1. Accounts 2. Customer 3. Keep In Book 4. Tip

137B Roundwood Road, London NW10 9UL
Telephone 020 8459 1475, Mobile 07951 179590

Registered Waste Carrier, CEADWAC Carrier No. CBDU94091

LORRY INFORMATION CONTRACT NO.

Registration:

SA19 UKG

☒ Grab ☐ Tipper ☐ Bin

16243

CUSTOMER DETAILS (PRODUCER)

ALL HIRES ARE SUBJECT TO CPA TERMS & CONDITIONS

On behalf of:

H7C H0HES

Date:

31/5/2024

Site address:

SGYR 1ST ROYSPON

Time on site:

Time off site:

☐ Waiting time ☐ Cancelled job

DESCRIPTION OF WASTE

☐ Soil & Stones EWC 17.05.04

☐ Clean Hardcore EWC 17.01.07

☐ Tarmac/Bitumen EWC 17.03.02

☐ Mixed Construction Waste EWC 17.09.04

☐ Other (Please specify)

1 MUCK ALLEY EWC

☐ Materials Delivery

SIC code

Quantity

☐ 8 Wheel load ☐ Weight

Tonnes

Waste is ☐ Loose ☐ Other

ROLONOF BINS

CASH RECEIVED

☐ 20 yd ☐ 40 yd

☐ Del ☐ Exc

☒ Coll

Amount:

I certify that the above particulars are true and relate to the waste being conveyed or disposed of, or materials being delivered, in pursuance of the sale. I am aware of and accept the conditions detailed on this note. By signing below 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.

Customer name:

VALENTIN

Driver name:

MAGALIN

Customer signature:

Valentin

Driver signature:

Becky

DISPOSAL / TRANSFER POINT

☐ Haulage only

Site name:

Ticket No:

Site address:

☐ Ticket Attached

☐ Waste management license no:

☐ Exempt from license

Disposer signature:

Date:

REIS GRAB HIRE LTD

137B Roundwood Road, London NW10 9UL
Telephone 020 8459 1475, Mobile 07951 179590

Registered Waste Carrier, CEADWAC Carrier No. CBDU94091

LORRY INFORMATION

CONTRACT NO.

16398

Registration: 5768JFG

☐ Grab ☐ Tipper ☐ Bin

CUSTOMER DETAILS (PRODUCER)

ALL HIRES ARE SUBJECT TO CPA TERMS & CONDITIONS

On behalf of: NFC HOME

Date: 9/9/24

Site address: DRYTON GARAGE SG88HT

Time on site: Time off site:

☐ Waiting time ☐ Cancelled job

DESCRIPTION OF WASTE

☒ Soil & Stones EWC 17.05.04

☐ Clean Hardcore EWC 17.01.07

☐ Tarmac/Bitumen EWC 17.03.02

☐ Mixed Construction Waste EWC 17.09.04

☐ Other (Please specify) EWC

☐ Materials Delivery SIC code

Quantity ☒ 8 Wheel load ☐ WeightTonnes Waste is ☐ Loose ☐ Other

ROLONOF BINS

☐ 20 yd ☐ 40 yd ☐ Del ☐ Exc ☐ Coll

CASH RECEIVED

Amount:

I certify that the above particulars are true and relate to the waste being conveyed or disposed of, or materials being delivered, in pursuance of the sale. I am aware of and accept the conditions detailed on this note. By signing below 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.

Customer name: MIHAI

Driver name: Aurel Borchian

Customer signature: [Signature]

Driver signature: [Signature]

DISPOSAL / TRANSFER POINT

Site name: Ticket N°: ☐ Haulage only

Site address: ☐ Ticket Attached

☐ Waste management license no: ☐ Exempt from license

Disposer signature: Date:

1. Accounts 2. Customer 3. Keep In Book 4. Tip

REIS GRAB HIRE LTD

137B Roundwood Road, London NW10 9UL
Telephone 020 8459 1475, Mobile 07951 179590
Registered Waste Carrier, CEADWAC Carrier No. CBDU94091

16586

LORRY INFORMATION CONTRACT NO. 16586
Registration: REGSYK ☐ Grab ☐ Tipper ☐ Bin

CUSTOMER DETAILS (PRODUCER) ALL HIRES ARE SUBJECT TO CPA TERMS & CONDITIONS
On behalf of: NFC LTD Date: 02/05/2024
Site address: DRAGON'S GARAGE, HIGH ST, SLOUGH
Time on site: _____ Time off site: _____ ☐ Waiting time ☐ Cancelled job

DESCRIPTION OF WASTE
☒ Soil & Stones EWC 17.05.04 ☐ Clean Hardcore EWC 17.01.07
☐ Tarmac/Bitumen EWC 17.03.02 ☐ Mixed Construction Waste EWC 17.09.04
☐ Other (Please specify) _____ EWC _____
☐ Materials Delivery _____ SIC code _____
Quantity ☒ 8 Wheel load ☐ Weight _____ Tonnes Waste is ☐ Loose ☐ Other _____

ROLONOF BINS CASH RECEIVED
☐ 20 yd ☐ 40 yd ☐ Del ☐ Exc ☐ Coll Amount: _____

I certify that the above particulars are true and relate to the waste being conveyed or disposed of, or materials being delivered, in pursuance of the sale. I am aware of and accept the conditions detailed on this note. By signing below 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.

Customer name: <u>MITHA</u>	Driver name: <u>ALAN</u>
Customer signature: <u>[Signature]</u>	Driver signature: <u>[Signature]</u>

DISPOSAL / TRANSFER POINT ☐ Haulage only
Site name: _____ Ticket No: _____
Site address: _____ ☐ Ticket Attached
☐ Waste management license no: _____ ☐ Exempt from license
Disposer signature: _____ Date: _____

1. Accounts 2. Customer 3. Keep In Book 4. Tip

REIS GRAB HIRE LTD

137B Roundwood Road, London NW10 9UL
Telephone 020 8459 1475, Mobile 07951 179590

Registered Waste Carrier, CEADWAC Carrier No. CBDU94091

LORRY INFORMATION

CONTRACT NO.

16636

Registration: SY 68 JFG

☒ Grab ☐ Tipper ☐ Bin

CUSTOMER DETAILS (PRODUCER)

ALL HIRES ARE SUBJECT TO CPA TERMS & CONDITIONS

On behalf of: NEC

Date: 14/5/24

Site address: BRAYTON GARAGE SG8

Time on site:

Time off site:

☐ Waiting time ☐ Cancelled job

DESCRIPTION OF WASTE

☒ Soil & Stones EWC 17.05.04

☐ Clean Hardcore EWC 17.01.07

☐ Tarmac/Bitumen EWC 17.03.02

☐ Mixed Construction Waste EWC 17.09.04

☐ Other (Please specify) EWC

☐ Materials Delivery SIC code

Quantity ☒ 8 Wheel load ☐ WeightTonnes Waste is ☐ Loose ☐ Other

ROLONOF BINS

☐ 20 yd ☐ 40 yd ☐ Del ☐ Exc ☐ Coll

CASH RECEIVED

Amount:

I certify that the above particulars are true and relate to the waste being conveyed or disposed of, or materials being delivered, in pursuance of the sale. I am aware of and accept the conditions detailed on this note. By signing below 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.

Customer name:

Driver name:

Customer signature:

Driver signature:

DISPOSAL / TRANSFER POINT

Site name:

Ticket No:

Site address:

☐ Ticket Attached

☐ Waste management license no:

☐ Exempt from license

Disposer signature:

Date:

1. Accounts 2. Customer 3. Keep In Book 4. Tip

REIS GRAB HIRE LTD

137B Roundwood Road, London NW10 9UL
Telephone 020 8459 1475, Mobile 07951 179590

Registered Waste Carrier, CEADWAC Carrier No. CBDU94091

LORRY INFORMATION

CONTRACT NO.

16642

Registration: S7 68 JFG

☐ Grab ☐ Tipper ☐ Bin

CUSTOMER DETAILS (PRODUCER)

ALL HIRES ARE SUBJECT TO CPA TERMS & CONDITIONS

On behalf of: NFC

Date: 15/5/24

Site address: DRYTON GARAGE SG8

Time on site: _____

Time off site: _____

☐ Waiting time ☐ Cancelled job

DESCRIPTION OF WASTE

☒ Soil & Stones EWC 17.05.04

☐ Clean Hardcore EWC 17.01.07

☐ Tarmac/Bitumen EWC 17.03.02

☐ Mixed Construction Waste EWC 17.09.04

☐ Other (Please specify) _____ EWC _____

☐ Materials Delivery _____ SIC code _____

Quantity ☒ 8 Wheel load ☐ Weight _____ Tonnes

Waste is ☐ Loose ☐ Other _____

ROLONOF BINS

☐ 20 yd ☐ 40 yd ☐ Del ☐ Exc ☐ Coll

CASH RECEIVED

Amount: _____

I certify that the above particulars are true and relate to the waste being conveyed or disposed of, or materials being delivered, in pursuance of the sale. I am aware of and accept the conditions detailed on this note. By signing below 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.

Customer name: MIHA

Driver name: Aurel Brihan

Customer signature: [Signature]

Driver signature: [Signature]

DISPOSAL / TRANSFER POINT

Site name: _____ ☐ Haulage only

Ticket No: _____

Site address: _____

☐ Ticket Attached

☐ Waste management license no: _____

☐ Exempt from license

Disposer signature: _____

Date: _____

1. Accounts 2. Customer 3. Keep In Book 4. Tip

REIS GRAB HIRE LTD

137B Roundwood Road, London NW10 9UL

Telephone 020 8459 1475, Mobile 07951 179590

Registered Waste Carrier, CEADWAC Carrier No. CBDU94091

LORRY INFORMATION

CONTRACT NO.

16649

Registration: SY 68 JFB ☒ Grab ☐ Tipper ☐ Bin

CUSTOMER DETAILS (PRODUCER)

ALL HIRES ARE SUBJECT TO CPA TERMS & CONDITIONS

On behalf of: NFC Date: 17/5/24

Site address: DRAYTON GARAGE SG8

Time on site: _____ Time off site: _____ ☐ Waiting time ☐ Cancelled job

DESCRIPTION OF WASTE

- ☒ Soil & Stones EWC 17.05.04 ☐ Clean Hardcore EWC 17.01.07
☐ Tarmac/Bitumen EWC 17.03.02 ☐ Mixed Construction Waste EWC 17.09.04
☐ Other (Please specify) _____ EWC _____
☐ Materials Delivery _____ SIC code _____

Quantity ☒ 8 Wheel load ☐ Weight _____ Tonnes Waste is ☐ Loose ☐ Other _____

ROLONOF BINS

☐ 20 yd ☐ 40 yd ☐ Del ☐ Exc ☐ Coll

CASH RECEIVED

Amount: _____

I certify that the above particulars are true and relate to the waste being conveyed or disposed of, or materials being delivered, in pursuance of the sale. I am aware of and accept the conditions detailed on this note. By signing below 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.

Customer name: <u>MIHA</u>	Driver name: <u>Ariel Brehau</u>
Customer signature: <u>[Signature]</u>	Driver signature: <u>[Signature]</u>

DISPOSAL / TRANSFER POINT

☐ Haulage only

Site name: _____ Ticket No: _____

Site address: _____ ☐ Ticket Attached

☐ Waste management license no: _____ ☐ Exempt from license

Disposer signature: _____ Date: _____

1. Accounts 2. Customer 3. Keep In Book 4. Tip

REIS GRAB HIRE LTD

137B Roundwood Road, London NW10 9UL
Telephone 020 8459 1475, Mobile 07951 179590

Registered Waste Carrier, CEADWAC Carrier No. CBDU94091

LORRY INFORMATION

CONTRACT NO.

16734

Registration:

SF17WFX

☐ Grab ☐ Tipper ☐ Bin

CUSTOMER DETAILS (PRODUCER)

ALL HIRES ARE SUBJECT TO CPA TERMS & CONDITIONS

On behalf of:

MFC LTD

Date:

11.05.24

Site address:

ROYSTON SG8 8HT

Time on site:

Time off site:

☐ Waiting time ☐ Cancelled job

DESCRIPTION OF WASTE

☒ Soil & Stones EWC 17.05.04

☐ Clean Hardcore EWC 17.01.07

☐ Tarmac/Bitumen EWC 17.03.02

☐ Mixed Construction Waste EWC 17.09.04

☐ Other (Please specify) EWC

☐ Materials Delivery SIC code

Quantity ☐ 8 Wheel load ☐ WeightTonnes Waste is ☐ Loose ☐ Other

ROLONOF BINS

CASH RECEIVED

☐ 20 yd ☐ 40 yd ☐ Del ☐ Exc ☐ Coll

Amount:

I certify that the above particulars are true and relate to the waste being conveyed or disposed of, or materials being delivered, in pursuance of the sale. I am aware of and accept the conditions detailed on this note. By signing below 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.

Customer name:

Driver name:

Customer signature:

Driver signature:

DISPOSAL / TRANSFER POINT

☐ Haulage only

Site name:

Ticket No:

Site address:

☐ Ticket Attached

☐ Waste management license no:

☐ Exempt from license

Disposer signature:

Date:

1. Accounts 2. Customer 3. Keep In Book 4. Tip

REIS GRAB HIRE LTD

137B Roundwood Road, London NW10 9UL

Telephone 020 8459 1475, Mobile 07951 179590

Registered Waste Carrier, CEADWAC Carrier No. CBDU94091

LORRY INFORMATION

CONTRACT NO.

Registration:

65-XXK

☐ Grab ☐ Tipper ☐ Bin

6624

CUSTOMER DETAILS (PRODUCER)

ALL HIRES ARE SUBJECT TO CPA TERMS & CONDITIONS

On behalf of:

NFC LTD

Date:

26.08.11

Site address:

STATION, GRANGE HIGH RD, PALLEY

Time on site:

Time off site:

☐ Waiting time ☐ Cancelled job

DESCRIPTION OF WASTE

☐ Soil & Stones EWC 17.05.04

☐ Clean Hardcore EWC 17.01.07

☐ Tarmac/Bitumen EWC 17.03.02

☐ Mixed Construction Waste EWC 17.09.04

☐ Other (Please specify)

EWC

☐ Materials Delivery

SIC code

Quantity

☐ 8 Wheel load

☐ Weight

Tonnes

Waste is

☐ Loose

☐ Other

ROLONOF BINS

CASH RECEIVED

☐ 20 yd

☐ 40 yd

☐ Del

☐ Exc

☐ Coll

Amount:

I certify that the above particulars are true and relate to the waste being conveyed or disposed of, or materials being delivered, in pursuance of the sale. I am aware of and except the conditions detailed on this note. By signing below 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.

Customer name:

Driver name:

Customer signature:

Driver signature:

DISPOSAL / TRANSFER POINT

☐ Haulage only

Site name:

Ticket No:

Site address:

☐ Ticket Attached

☐ Waste management license no:

☐ Exempt from license

Disposer signature:

Date:

REIS GRAB HIRE LTD

137B Roundwood Road, London NW10 9UL
Telephone 020 8459 1475, Mobile 07951 179590

Registered Waste Carrier, CEADWAC Carrier No. CBDU94091

LORRY INFORMATION

CONTRACT NO.

10993

Registration:

67662FA

☒ Grab ☐ Tipper ☐ Bin

CUSTOMER DETAILS (PRODUCER)

ALL HIRES ARE SUBJECT TO CPA TERMS & CONDITIONS

On behalf of: NTC LTD

Date: 13.05.24

Site address: BRAYTONS GARAGE, HIGH ST. 5388HT

Time on site:

Time off site:

☐ Waiting time ☐ Cancelled job

DESCRIPTION OF WASTE

☒ Soil & Stones EWC 17.05.04

☐ Clean Hardcore EWC 17.01.07

☐ Tarmac/Bitumen EWC 17.03.02

☐ Mixed Construction Waste EWC 17.09.04

☐ Other (Please specify) EWC

☐ Materials Delivery SIC code

Quantity ☒ 8 Wheel load ☐ WeightTonnes Waste is ☒ Loose ☐ Other

ROLONOF BINS

CASH RECEIVED

☐ 20 yd ☐ 40 yd ☐ Del ☐ Exc ☒ Coll

Amount:

I certify that the above particulars are true and relate to the waste being conveyed or disposed of, or materials being delivered, in pursuance of the sale. I am aware of and accept the conditions detailed on this note. By signing below 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.

Customer name: MIHA

Driver name: MARINUS

Customer signature: [Signature]

Driver signature: [Signature]

DISPOSAL / TRANSFER POINT

☐ Haulage only

Site name: TYTTENHANGER

Ticket No:

Site address:

☐ Ticket Attached

☐ Waste management license no:

☐ Exempt from license

Disposer signature:

Date:

1. Accounts 2. Customer 3. Keep In Book 4. Tip

REIS GRAB HIRE LTD

137B Roundwood Road, London NW10 9UL
Telephone 020 8459 1475, Mobile 07951 179590
Registered Waste Carrier, CEADWAC Carrier No. CBDU94091

LORRY INFORMATION

CONTRACT NO.

10996

Registration: GJ66PFD ☒ Grab ☐ Tipper ☐ Bin

CUSTOMER DETAILS (PRODUCER)

ALL HIRES ARE SUBJECT TO CPA TERMS & CONDITIONS

On behalf of: NFC LTD Date: 14.05.24

Site address: DRAYTONS GARAGE, HIGH ST. 56X 84T

Time on site: _____ Time off site: _____ ☐ Waiting time ☐ Cancelled job

DESCRIPTION OF WASTE

☒ Soil & Stones EWC 17.05.04 ☐ Clean Hardcore EWC 17.01.07
☐ Tarmac/Bitumen EWC 17.03.02 ☐ Mixed Construction Waste EWC 17.09.04
☐ Other (Please specify) _____ EWC _____
☐ Materials Delivery _____ SIC code _____
Quantity ☒ 8 Wheel load ☐ Weight _____ Tonnes Waste is ☒ Loose ☐ Other _____

ROLONOF BINS

☐ 20 yd ☐ 40 yd ☐ Del ☐ Exc ☒ Coll

CASH RECEIVED

Amount: _____

I certify that the above particulars are true and relate to the waste being conveyed or disposed of, or materials being delivered, in pursuance of the sale. I am aware of and accept the conditions detailed on this note. By signing below 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.

Customer name: <u>MIHAL</u>	Driver name: <u>MARNO</u>
Customer signature: <u>[Signature]</u>	Driver signature: <u>[Signature]</u>

DISPOSAL / TRANSFER POINT

Site name: TYTHAMBER ☐ Haulage only

Site address: _____ Ticket No: _____

☐ Waste management license no: _____ ☐ Ticket Attached

☐ Exempt from license

Disposer signature: _____ Date: _____

1. Accounts 2. Customer 3. Keep In Book 4. Tip

REIS GRAB HIRE LTD

137B Roundwood Road, London NW10 9UL
Telephone 020 8459 1475, Mobile 07951 179590
Registered Waste Carrier, CEADWAC Carrier No. CBDU94091

LORRY INFORMATION

CONTRACT NO.

PO -

11234

Registration: G766 PFA

☒ Grab ☐ Tipper ☐ Bin

CUSTOMER DETAILS (PRODUCER)

ALL HIRES ARE SUBJECT TO CPA TERMS & CONDITIONS

On behalf of: NFC LTD

Date: 09.04.24

Site address: DRAYTONS GARAGE, HIGH ST. BARLEY 588 8H

Time on site:

Time off site:

☐ Waiting time ☐ Cancelled job

DESCRIPTION OF WASTE

☒ Soil & Stones EWC 17.05.04

☐ Clean Hardcore EWC 17.01.07

☐ Tarmac/Bitumen EWC 17.03.02

☐ Mixed Construction Waste EWC 17.09.04

☐ Other (Please specify) EWC

☐ Materials Delivery SIC code

Quantity ☒ 8 Wheel load ☐ WeightTonnes Waste is ☒ Loose ☐ Other

ROLONOF BINS

☐ 20 yd ☐ 40 yd ☐ Del ☐ Exc ☒ Coll

CASH RECEIVED

Amount:

I certify that the above particulars are true and relate to the waste being conveyed or disposed of, or materials being delivered, in pursuance of the sale. I am aware of and accept the conditions detailed on this note. By signing below 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.

Customer name: VALENTIN H

Driver name: MARIN

Customer signature: Jerlin

Driver signature: [Signature]

DISPOSAL / TRANSFER POINT

☐ Haulage only

Site name: B.P. MITCHELL

Ticket No:

Site address:

☐ Ticket Attached

☐ Waste management license no:

☐ Exempt from license

Disposer signature:

Date:

1. Accounts 2. Customer 3. Keep In Book 4. Tip

REIS GRAB HIRE LTD

137B Roundwood Road, London NW10 9UL
Telephone 020 8459 1475, Mobile 07951 179590
Registered Waste Carrier, CEADWAC Carrier No. CBDU94091

LORRY INFORMATION

CONTRACT NO.

11238

Registration:

G766 PFA

☒ Grab ☐ Tipper ☐ Bin

CUSTOMER DETAILS (PRODUCER)

ALL HIRES ARE SUBJECT TO CPA TERMS & CONDITIONS

On behalf of:

MFC LTD

Date:

09.04.24

Site address:

DRAYTONS GARAGE, HIGH ST. BARLEY, SGP 8HT

Time on site:

Time off site:

☐ Waiting time ☐ Cancelled job

DESCRIPTION OF WASTE

☒ Soil & Stones EWC 17.05.04

☐ Clean Hardcore EWC 17.01.07

☐ Tarmac/Bitumen EWC 17.03.02

☐ Mixed Construction Waste EWC 17.09.04

☐ Other (Please specify) EWC

☐ Materials Delivery SIC code

Quantity ☒ 8 Wheel load ☐ WeightTonnes Waste is ☒ Loose ☐ Other

ROLONOF BINS

CASH RECEIVED

☐ 20 yd ☐ 40 yd ☐ Del ☐ Exc ☒ Coll

Amount:

I certify that the above particulars are true and relate to the waste being conveyed or disposed of, or materials being delivered, in pursuance of the sale. I am aware of and accept the conditions detailed on this note. By signing below 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.

Customer name: MIHAN

Driver name: MARIUS

Customer signature: [Signature]

Driver signature: [Signature]

DISPOSAL / TRANSFER POINT

☐ Haulage only

Site name:

RM 4

Ticket No:

Site address:

☐ Ticket Attached

☐ Waste management license no:

☐ Exempt from license

Disposer signature:

Date:

1. Accounts 2. Customer 3. Keep In Book 4. Tip

REIS GRAB HIRE LTD

137B Roundwood Road, London NW10 9UL

Telephone 020 8459 1475, Mobile 07951 179590

Registered Waste Carrier, CEADWAC Carrier No. CBDU94091

LORRY INFORMATION

CONTRACT NO.

11246

Registration: GJ 66 AFN ☒ Grab ☐ Tipper ☐ Bin

CUSTOMER DETAILS (PRODUCER)

ALL HIRES ARE SUBJECT TO CPA TERMS & CONDITIONS

On behalf of: NFC HOMES Date: 18/5/2019

Site address: SG 8 8 LT

Time on site: _____ Time off site: _____ ☐ Waiting time ☐ Cancelled job

DESCRIPTION OF WASTE

- ☐ Soil & Stones EWC 17.05.04 ☐ Clean Hardcore EWC 17.01.07
- ☐ Tarmac/Bitumen EWC 17.03.02 ☐ Mixed Construction Waste EWC 17.09.04
- ☐ Other (Please specify) MUCK/AGAY EWC _____
- ☐ Materials Delivery _____ SIC code _____
- Quantity ☒ 8 Wheel load ☐ Weight _____ Tonnes Waste is ☐ Loose ☐ Other _____

ROLONOF BINS

☐ 20 yd ☐ 40 yd ☐ Del ☐ Exc ☒ Coll

CASH RECEIVED

Amount: _____

I certify that the above particulars are true and relate to the waste being conveyed or disposed of, or materials being delivered, in pursuance of the sale. I am aware of and accept the conditions detailed on this note. By signing below 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.

Customer name: <u>MICHAEL</u>	Driver name: <u>KIAJAGI</u>
Customer signature: <u>[Signature]</u>	Driver signature: <u>[Signature]</u>

DISPOSAL / TRANSFER POINT

☐ Haulage only

Site name: _____ Ticket No: _____

Site address: _____ ☐ Ticket Attached

☐ Waste management license no: _____ ☐ Exempt from license

Disposer signature: _____ Date: _____

1. Accounts 2. Customer 3. Keep In Book 4. Tip

REIS GRAB HIRE LTD

137B Roundwood Road, London NW10 9UL
Telephone 020 8459 1475, Mobile 07951 179590

Registered Waste Carrier, CEADWAC Carrier No. CBDU94091

LORRY INFORMATION CONTRACT NO.

Registration: SJ 68 JFG

☒ Grab ☐ Tipper ☐ Bin

12803

CUSTOMER DETAILS (PRODUCER)

ALL HIRES ARE SUBJECT TO CPA TERMS & CONDITIONS

On behalf of: NFC

Date: 20/5/24

Site address: DRAYTON GARAGE

Time on site:

Time off site:

☐ Waiting time ☐ Cancelled job

DESCRIPTION OF WASTE

☒ Soil & Stones EWC 17.05.04

☐ Clean Hardcore EWC 17.01.07

☐ Tarmac/Bitumen EWC 17.03.02

☐ Mixed Construction Waste EWC 17.09.04

☐ Other (Please specify)

EWC

☐ Materials Delivery

SIC code

Quantity ☒ 8 Wheel load ☐ Weight

Tonnes

Waste is ☐ Loose ☐ Other

ROLONOF BINS

CASH RECEIVED

☐ 20 yd ☐ 40 yd

☐ Del ☐ Exc

☐ Coll

Amount:

I certify that the above particulars are true and relate to the waste being conveyed or disposed of, or materials being delivered, in pursuance of the sale. I am aware of and accept the conditions detailed on this note. By signing below 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.

Customer name: Michael

Driver name: Arnel Brian

Customer signature: [Signature]

Driver signature: [Signature]

DISPOSAL / TRANSFER POINT

☐ Haulage only

Site name:

Ticket No:

Site address:

☐ Ticket Attached

☐ Waste management license no:

☐ Exempt from license

Disposer signature:

Date:

1. Accounts 2. Customer 3. Keep In Book 4. Tip

REIS GRAB HIRE LTD

137B Roundwood Road, London NW10 9UL
Telephone 020 8459 1475, Mobile 07951 179590

Registered Waste Carrier, CEADWAC Carrier No. CBDU94091

LORRY INFORMATION CONTRACT NO.

Registration: SY 68JFG

☒ Grab ☐ Tipper ☐ Bin

12808

CUSTOMER DETAILS (PRODUCER)

ALL HIRES ARE SUBJECT TO CPA TERMS & CONDITIONS

On behalf of: NFC

Date: 11/5/24

Site address: BRAYTON GARAGE SGP

Time on site:

Time off site:

☐ Waiting time ☐ Cancelled job

DESCRIPTION OF WASTE

☒ Soil & Stones EWC 17.05.04

☐ Clean Hardcore EWC 17.01.07

☐ Tarmac/Bitumen EWC 17.03.02

☐ Mixed Construction Waste EWC 17.09.04

☐ Other (Please specify)

EWC

☐ Materials Delivery

SIC code

Quantity ☒ 8 Wheel load ☐ Weight

Tonnes

Waste is ☐ Loose ☐ Other

ROLONOF BINS

☐ 20 yd ☐ 40 yd ☐ Del ☐ Exc ☐ Coll

Amount:

CASH RECEIVED

I certify that the above particulars are true and relate to the waste being conveyed or disposed of, or materials being delivered, in pursuance of the sale. I am aware of and accept the conditions detailed on this note. By signing below 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.

Customer name: MIHAI

Driver name: Aurel Brican

Customer signature: [Signature]

Driver signature: [Signature]

DISPOSAL / TRANSFER POINT

☐ Haulage only

Site name:

Ticket No:

Site address:

☐ Ticket Attached

☐ Waste management license no:

☐ Exempt from license

Disposer signature:

Date:

REIS GRAB HIRE LTD

137B Roundwood Road, London NW10 9UL
Telephone 020 8459 1475, Mobile 07951 179590

Registered Waste Carrier, CEADWAC Carrier No. CBDU94091

LORRY INFORMATION CONTRACT NO.

Registration: SY 68 JFG

☒ Grab ☐ Tipper ☐ Bin

12813

CUSTOMER DETAILS (PRODUCER)

ALL HIRES ARE SUBJECT TO CPA TERMS & CONDITIONS

On behalf of: NFC Date: 25/5/24

Site address: DRAYTON GARAGE SG8

Time on site: _____

☐ Waiting time ☐ Cancelled job

DESCRIPTION OF WASTE

☒ Soil & Stones EWC 17.05.04 ☐ Clean Hardcore EWC 17.01.07

☐ Tarmac/Bitumen EWC 17.03.02 ☐ Mixed Construction Waste EWC 17.09.04

☐ Other (Please specify) EWC

☐ Materials Delivery SIC code

Quantity ☐ 8 Wheel load ☐ WeightTonnes Waste is ☐ Loose ☐ Other

ROLONOF BINS

☐ 20 yd ☐ 40 yd ☐ Del ☐ Exc ☐ Coll

CASH RECEIVED

Amount: _____

I certify that the above particulars are true and relate to the waste being conveyed or disposed of, or materials being delivered, in pursuance of the sale. I am aware of and accept the conditions detailed on this note. By signing below 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.

Customer name: NIKA

Driver name: Ariel Braham

Customer signature: [Signature]

Driver signature: [Signature]

DISPOSAL / TRANSFER POINT

☐ Haulage only

Site name: _____

Ticket No: _____

Site address: _____

☐ Ticket Attached

☐ Waste management license no: _____

☐ Exempt from license

Disposer signature: _____

Date: _____

REIS GRAB HIRE LTD

137B Roundwood Road, London NW10 9UL

Telephone 020 8459 1475, Mobile 07951 179590

Registered Waste Carrier, CEADWAC Carrier No. CBDU94091

LORRY INFORMATION

CONTRACT NO.

Registration:

57 68 JFG

☒ Grab ☐ Tipper ☐ Bin

12822

CUSTOMER DETAILS (PRODUCER)

ALL HIRES ARE SUBJECT TO CPA TERMS & CONDITIONS

On behalf of:

NFC

Date:

29/5/24

Site address:

DRAYTON GARAGE SGR

Time on site:

Time off site:

☐ Waiting time ☐ Cancelled job

DESCRIPTION OF WASTE

☐ Soil & Stones EWC 17.05.04

☐ Clean Hardcore EWC 17.01.07

☐ Tarmac/Bitumen EWC 17.03.02

☐ Mixed Construction Waste EWC 17.09.04

☐ Other (Please specify)

EWC

☐ Materials Delivery

SIC code

Quantity

☐ 8 Wheel load

☐ Weight

.....Tonnes

Waste is ☐ Loose ☐ Other

ROLONOF BINS

CASH RECEIVED

☐ 20 yd ☐ 40 yd

☐ Del

☐ Exc

☐ Coll

Amount:

I certify that the above particulars are true and relate to the waste being conveyed or disposed of, or materials being delivered, in pursuance of the sale. I am aware of and accept the conditions detailed on this note. By signing below 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.

Customer name:

MIHAL

Driver name:

Alex Brinon

Customer signature:

MIHAL

Driver signature:

Alex Brinon

DISPOSAL / TRANSFER POINT

☐ Haulage only

Site name:

Ticket No:

Site address:

☐ Ticket Attached

☐ Waste management license no:

☐ Exempt from license

Disposer signature:

Date:

REIS GRAB HIRE LTD

137B Roundwood Road, London NW10 9UL
Telephone 020 8459 1475, Mobile 07951 179590
Registered Waste Carrier, CEADWAC Carrier No. CBDU94091

LORRY INFORMATION CONTRACT NO.

Registration: SV 68 JFG

☒ Grab ☐ Tipper ☐ Bin

12827

CUSTOMER DETAILS (PRODUCER)

ALL HIRES ARE SUBJECT TO CPA TERMS & CONDITIONS

On behalf of: NFC

Date: 30/5/24

Site address: DRYTON GARAGE

SG 8

Time on site:

Time off site:

☐ Waiting time ☐ Cancelled job

DESCRIPTION OF WASTE

☒ Soil & Stones EWC 17.05.04

☐ Clean Hardcore EWC 17.01.07

☐ Tarmac/Bitumen EWC 17.03.02

☐ Mixed Construction Waste EWC 17.09.04

☐ Other (Please specify)

EWC

☐ Materials Delivery

SIC code

Quantity ☒ 8 Wheel load

☐ Weight

Tonnes

Waste is ☐ Loose ☐ Other

ROLONOF BINS

☐ 20 yd ☐ 40 yd

☐ Del

☐ Exc

☐ Coll

Amount:

CASH RECEIVED

I certify that the above particulars are true and relate to the waste being conveyed or disposed of, or materials being delivered, in pursuance of the sale. I am aware of and accept the conditions detailed on this note. By signing below 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.

Customer name: Hi Hai

Driver name: Aurel Brihan

Customer signature: [Signature]

Driver signature: [Signature]

DISPOSAL / TRANSFER POINT

☐ Haulage only

Site name:

Ticket No:

Site address:

☐ Ticket Attached

☐ Waste management license no:

☐ Exempt from license

Disposer signature:

Date:

REIS GRAB HIKE LTD

137B Roundwood Road, London NW10 9UL
Telephone 020 8459 1475, Mobile 07951 179590

Registered Waste Carrier, CEADWAC Carrier No. CBDU94091

LORRY INFORMATION CONTRACT NO.

Registration: 57687F6 ☒ Grab ☐ Tipper ☐ Bin

12843

CUSTOMER DETAILS (PRODUCER)

ALL HIRES ARE SUBJECT TO CPA TERMS & CONDITIONS

On behalf of: NEC Date: 4/6/14

Site address: DRAYTON GARAGE S68

Time on site: _____ Time off site: _____ ☐ Waiting time ☐ Cancelled job

DESCRIPTION OF WASTE

☒ Soil & Stones EWC 17.05.04 ☐ Clean Hardcore EWC 17.01.07

☐ Tarmac/Bitumen EWC 17.03.02 ☐ Mixed Construction Waste EWC 17.09.04

☐ Other (Please specify) EWC

☐ Materials Delivery SIC code

Quantity ☒ 8 Wheel load ☐ Weight Tonnes Waste is ☐ Loose ☐ Other

ROLONOF BINS

☐ 20 yd ☐ 40 yd ☐ Del ☐ Exc ☐ Coll

CASH RECEIVED

Amount: _____

I certify that the above particulars are true and relate to the waste being conveyed or disposed of, or materials being delivered, in pursuance of the sale. I am aware of and accept the conditions detailed on this note. By signing below 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.

Customer name: <u>MIHAI</u>	Driver name: <u>Mihai Brubau</u>
Customer signature: <u>[Signature]</u>	Driver signature: <u>[Signature]</u>

DISPOSAL / TRANSFER POINT

☐ Haulage only

Site name: _____

Ticket No: _____

Site address: _____

☐ Ticket Attached

☐ Waste management license no: _____

☐ Exempt from license

Disposer signature: _____

Date: _____

1. Accounts 2. Customer 3. Keep In Book 4. Tip

REIS GRAB HIRE LTD

137B Roundwood Road, London NW10 9UL

Telephone 020 8459 1475, Mobile 07951 179590

Registered Waste Carrier, CEADWAC Carrier No. CBDU94091

LORRY INFORMATION

CONTRACT NO.

13256

Registration:

DL66 BZH

☐ Grab ☐ Tipper ☐ Bin

CUSTOMER DETAILS (PRODUCER)

ALL HIRES ARE SUBJECT TO CPA TERMS & CONDITIONS

On behalf of:

MTC LTD

Date:

13/05/2024

Site address:

DRAYTON'S GARAGE, HIGH ST, SGP 216

Time on site:

Time off site:

☐ Waiting time ☐ Cancelled job

DESCRIPTION OF WASTE

☒ Soil & Stones EWC 17.05.04

☐ Clean Hardcore EWC 17.01.07

☐ Tarmac/Bitumen EWC 17.03.02

☐ Mixed Construction Waste EWC 17.09.04

☐ Other (Please specify) EWC

☐ Materials Delivery SIC code

Quantity ☐ 8 Wheel load ☐ WeightTonnes Waste is ☒ Loose ☐ Other

ROLONOF BINS

CASH RECEIVED

☐ 20 yd ☐ 40 yd ☐ Del ☐ Exc ☐ Coll

Amount:

I certify that the above particulars are true and relate to the waste being conveyed or disposed of, or materials being delivered, in pursuance of the sale. I am aware of and accept the conditions detailed on this note. By signing below 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.

Customer name: MIHAI

Driver name: CIPRI

Customer signature: [Signature]

Driver signature: [Signature]

DISPOSAL / TRANSFER POINT

☐ Haulage only

Site name:

Ticket No:

Site address:

☐ Ticket Attached

☐ Waste management license no:

☐ Exempt from license

Disposer signature:

Date:

1. Accounts 2. Customer 3. Keep In Book 4. Tip

REIS GRAB HIRE LTD

137B Roundwood Road, London NW10 9UL
Telephone 020 8459 1475, Mobile 07951 179590

Registered Waste Carrier, CEADWAC Carrier No. CBDU94091

LORRY INFORMATION

CONTRACT NO.

13260

Registration:

N266 B04

☐ Grab ☐ Tipper ☐ Bin

CUSTOMER DETAILS (PRODUCER)

ALL HIRES ARE SUBJECT TO CPA TERMS & CONDITIONS

On behalf of:

MFC LTD

Date:

14/05/2024

Site address:

DRAYTON'S GARAGE, 268 PMT

Time on site:

Time off site:

☐ Waiting time ☐ Cancelled job

DESCRIPTION OF WASTE

☒ Soil & Stones EWC 17.05.04

☐ Clean Hardcore EWC 17.01.07

☐ Tarmac/Bitumen EWC 17.03.02

☐ Mixed Construction Waste EWC 17.09.04

☐ Other (Please specify) EWC

☐ Materials Delivery SIC code

Quantity ☒ 8 Wheel load ☐ WeightTonnes Waste is ☐ Loose ☐ Other

ROLONOF BINS

CASH RECEIVED

☐ 20 yd ☐ 40 yd ☐ Del ☐ Exc ☐ Coll

Amount:

I certify that the above particulars are true and relate to the waste being conveyed or disposed of, or materials being delivered, in pursuance of the sale. I am aware of and accept the conditions detailed on this note. By signing below 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.

Customer name:

MFC LTD

Driver name:

QIDR

Customer signature:

[Signature]

Driver signature:

DISPOSAL / TRANSFER POINT

☐ Haulage only

Site name:

Ticket No:

Site address:

☐ Ticket Attached

☐ Waste management license no:

☐ Exempt from license

Disposer signature:

Date:

1. Accounts 2. Customer 3. Keep In Book 4. Tip

REIS GRAB HIRE LTD

137B Roundwood Road, London NW10 9UL

Telephone 020 8459 1475, Mobile 07951 179590

Registered Waste Carrier, CEADWAC Carrier No. CBDU94091

LORRY INFORMATION

CONTRACT NO.

13264

Registration:

DL 66 B04

☒ Grab ☐ Tipper ☐ Bin

CUSTOMER DETAILS (PRODUCER)

ALL HIRES ARE SUBJECT TO CPA TERMS & CONDITIONS

On behalf of:

NFC

Date:

17/5/24

Site address:

GRAYTON GARAGE S68

Time on site:

Time off site:

☐ Waiting time ☐ Cancelled job

DESCRIPTION OF WASTE

☒ Soil & Stones EWC 17.05.04

☐ Clean Hardcore EWC 17.01.07

☐ Tarmac/Bitumen EWC 17.03.02

☐ Mixed Construction Waste EWC 17.09.04

☐ Other (Please specify) EWC

☐ Materials Delivery SIC code

Quantity ☒ 8 Wheel load ☐ WeightTonnes Waste is ☐ Loose ☐ Other

ROLONOF BINS

CASH RECEIVED

☐ 20 yd ☐ 40 yd ☐ Del ☐ Exc ☐ Coll

Amount:

I certify that the above particulars are true and relate to the waste being conveyed or disposed of, or materials being delivered, in pursuance of the sale. I am aware of and accept the conditions detailed on this note. By signing below 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.

Customer name:

MIHAI

Driver name:

Amel Borhcan

Customer signature:

ROBLEY

Driver signature:

Amel

DISPOSAL / TRANSFER POINT

☐ Haulage only

Site name:

Ticket No:

Site address:

☐ Ticket Attached

☐ Waste management license no:

☐ Exempt from license

Disposer signature:

Date:

1. Accounts 2. Customer 3. Keep In Book 4. Tip

REIS GRAB HIRE LTD

137B Roundwood Road, London NW10 9UL
Telephone 020 8459 1475, Mobile 07951 179590
Registered Waste Carrier, CEADWAC Carrier No. CBDU94091

LORRY INFORMATION

CONTRACT NO.

15794

Registration: S768 JFG ☒ Grab ☐ Tipper ☐ Bin

CUSTOMER DETAILS (PRODUCER)

ALL HIRES ARE SUBJECT TO CPA TERMS & CONDITIONS

On behalf of: NFC HOME Date: 27/3/24
Site address: DRAYTON GARAGE SG88HT
Time on site: _____ Time off site: _____
☐ Waiting time ☐ Cancelled job

DESCRIPTION OF WASTE

☐ Soil & Stones EWC 17.05.04 ☐ Clean Hardcore EWC 17.01.07
☐ Tarmac/Bitumen EWC 17.03.02 ☐ Mixed Construction Waste EWC 17.09.04
☐ Other (Please specify) _____ EWC _____
☐ Materials Delivery _____ SIC code _____
Quantity ☐ 8 Wheel load ☐ Weight _____ Tonnes Waste is ☐ Loose ☐ Other _____

ROLONOF BINS

☐ 20 yd ☐ 40 yd ☐ Del ☐ Exc ☐ Coll

CASH RECEIVED

Amount: _____

I certify that the above particulars are true and relate to the waste being conveyed or disposed of, or materials being delivered, in pursuance of the sale. I am aware of and accept the conditions detailed on this note. By signing below 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.

Customer name: <u>Grapple</u>	Driver name: <u>Ariel Zirkov</u>
Customer signature: <u>[Signature]</u>	Driver signature: <u>[Signature]</u>

DISPOSAL / TRANSFER POINT

Site name: _____ Ticket No: _____
Site address: _____
☐ Waste management license no: _____ ☐ Ticket Attached
Disposer signature: _____ ☐ Exempt from license
Date: _____

1. Accounts 2. Customer 3. Keep In Book 4. Tip

REIS GRAB HIRE LTD

137B Roundwood Road, London NW10 9UL
Telephone 020 8459 1475, Mobile 07951 179590
Registered Waste Carrier, CEADWAC Carrier No. CBDU94091

LORRY INFORMATION

CONTRACT NO.

15796

Registration: SJ68 JEG

☒ Grab ☐ Tipper ☐ Bin

CUSTOMER DETAILS (PRODUCER)

ALL HIRES ARE SUBJECT TO CPA TERMS & CONDITIONS

On behalf of: NEC HOME

Date: 27/3/24

Site address: DRAYTON GARAGE SG8 8HT

Time on site: Time off site:

☐ Waiting time ☐ Cancelled job

DESCRIPTION OF WASTE

☒ Soil & Stones EWC 17.05.04

☐ Clean Hardcore EWC 17.01.07

☐ Tarmac/Bitumen EWC 17.03.02

☐ Mixed Construction Waste EWC 17.09.04

☐ Other (Please specify) EWC

☐ Materials Delivery SIC code

Quantity ☒ 8 Wheel load ☐ Weight Tonnes Waste is ☐ Loose ☐ Other

ROLONOF BINS

☐ 20 yd ☐ 40 yd ☐ Del ☐ Exc ☐ Coll

CASH RECEIVED

Amount:

I certify that the above particulars are true and relate to the waste being conveyed or disposed of, or materials being delivered, in pursuance of the sale. I am aware of and accept the conditions detailed on this note. By signing below 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.

Customer name: CRISTO

Driver name: Arel Durhan

Customer signature: [Signature]

Driver signature: [Signature]

DISPOSAL / TRANSFER POINT

Site name:

Ticket N°:

Site address:

☐ Ticket Attached

☐ Waste management license no:

☐ Exempt from license

Disposer signature:

Date:

1. Accounts 2. Customer 3. Keep In Book 4. Tip

REIS GRAB HIRE LTD

137B Roundwood Road, London NW10 9UL
Telephone 020 8459 1475, Mobile 07951 179590
Registered Waste Carrier, CEADWAC Carrier No. CBDU94091

LORRY INFORMATION

CONTRACT NO.

15799

Registration:

SV 68 JEG

☒ Grab ☐ Tipper ☐ Bin

CUSTOMER DETAILS (PRODUCER)

ALL HIRES ARE SUBJECT TO CPA TERMS & CONDITIONS

On behalf of:

NEC HOME

Date:

28/3/24

Site address:

DRAYTON GARAGE SG8 8HT

Time on site:

Time off site:

☐ Waiting time ☐ Cancelled job

DESCRIPTION OF WASTE

☒ Soil & Stones EWC 17.05.04

☐ Clean Hardcore EWC 17.01.07

☐ Tarmac/Bitumen EWC 17.03.02

☐ Mixed Construction Waste EWC 17.09.04

☐ Other (Please specify)

EWC

☐ Materials Delivery

SIC code

Quantity ☒ 8 Wheel load ☐ WeightTonnes

Waste is

☐ Loose ☐ Other

ROLONOF BINS

☐ 20 yd ☐ 40 yd ☐ Del ☐ Exc ☐ Coll

CASH RECEIVED

Amount:

I certify that the above particulars are true and relate to the waste being conveyed or disposed of, or materials being delivered, in pursuance of the sale. I am aware of and accept the conditions detailed on this note. By signing below 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.

Customer name:

B. J. J. J.

Driver name:

Ariel Brihan

Customer signature:

B. J. J. J.

Driver signature:

B. J. J. J.

DISPOSAL / TRANSFER POINT

☐ Haulage only

Site name:

Ticket No:

Site address:

☐ Ticket Attached

☐ Waste management license no:

☐ Exempt from license

Disposer signature:

Date:

1. Accounts 2. Customer 3. Keep In Book 4. Tip

REIS GRAB HIRE LTD

137B Roundwood Road, London NW10 9UL
Telephone 020 8459 1475, Mobile 07951 179590

Registered Waste Carrier, CEADWAC Carrier No. CBDU94091

LORRY INFORMATION

CONTRACT NO.

15808

Registration: S019 UKG

☐ Grab ☐ Tipper ☐ Bin

CUSTOMER DETAILS (PRODUCER)

ALL HIRES ARE SUBJECT TO CPA TERMS & CONDITIONS

On behalf of: NTC HOMES LTD Date: 9/4/2024

Site address: HIGH STREET SG8 8LT

Time on site: Time off site: ☐ Waiting time ☐ Cancelled job

DESCRIPTION OF WASTE

- ☐ Soil & Stones EWC 17.05.04 ☐ Clean Hardcore EWC 17.01.07
☐ Tarmac/Bitumen EWC 17.03.02 ☐ Mixed Construction Waste EWC 17.09.04
☐ Other (Please specify) MUCK & GRAY EWC
☐ Materials Delivery SIC code

Quantity ☒ 8 Wheel load ☐ Weight Tonnes Waste is ☐ Loose ☐ Other

ROLONOF BINS

CASH RECEIVED

☐ 20 yd ☐ 40 yd ☐ Del ☐ Exc ☒ Coll

Amount:

I certify that the above particulars are true and relate to the waste being conveyed or disposed of, or materials being delivered, in pursuance of the sale. I am aware of and accept the conditions detailed on this note. By signing below 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.

Customer name: CRISTI

Driver name: MADAN

Customer signature: [Signature]

Driver signature: [Signature]

DISPOSAL / TRANSFER POINT

☐ Haulage only

Site name: Ticket No:

Site address: ☐ Ticket Attached

☐ Waste management license no: ☐ Exempt from license

Disposer signature: Date:

1. Accounts 2. Customer 3. Keep In Book 4. Tip

WASTE HIRE LTD

Roundwood Road, London NW10 9UL
Telephone 020 8459 1475, Mobile 07951 179590
Registered Waste Carrier, CEADWAC Carrier No. CBDU94091

LORRY INFORMATION

CONTRACT NO.

15823

Registration: SA19UKG

☐ Grab ☐ Tipper ☐ Bin

CUSTOMER DETAILS (PRODUCER)

ALL HIRES ARE SUBJECT TO CPA TERMS & CONDITIONS

On behalf of: NTC LOMES

Date: 13/4/2025

Site address: SGP 8 FT

Time on site:

Time off site:

☐ Waiting time ☐ Cancelled job

DESCRIPTION OF WASTE

☐ Soil & Stones EWC 17.05.04

☐ Clean Hardcore EWC 17.01.07

☐ Tarmac/Bitumen EWC 17.03.02

☐ Mixed Construction Waste EWC 17.09.04

☐ Other (Please specify) MUCK 1 x 49

EWC

☐ Materials Delivery

SIC code

Quantity ☐ 8 Wheel load ☐ Weight Tonnes

Waste is ☐ Loose ☐ Other

ROLLOFF BINS

☐ 20 yd ☐ 40 yd ☐ Del ☐ Exc ☐ Coll

CASH RECEIVED

Amount:

I certify that the above particulars are true and relate to the waste being conveyed or disposed of, or materials being delivered, in pursuance of the sale. I am aware of and accept the conditions detailed on this note. By signing below 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.

Customer name: MICHAEL

Driver name: MICHAEL

Customer signature: [Signature]

Driver signature: [Signature]

DISPOSAL / TRANSFER POINT

☐ Haulage only

Site name:

Ticket No:

Site address:

☐ Ticket Attached

☐ Waste management license no:

☐ Exempt from license

Disposer signature:

Date:

1. Accounts 2. Customer 3. Keep In Book 4. Tip

REIS GRAB HIRE LTD

137B Roundwood Road, London NW10 9UL
Telephone 020 8459 1475, Mobile 07951 179590
Registered Waste Carrier, CEADWAC Carrier No. CBDU94091

LORRY INFORMATION

CONTRACT NO.

15874

Registration: SD19UK6

☒ Grab ☐ Tipper ☐ Bin

CUSTOMER DETAILS (PRODUCER)

ALL HIRES ARE SUBJECT TO CPA TERMS & CONDITIONS

On behalf of: NTC HOMES

Date: 3/4/2024

Site address: HIGH STREET

SG8 8HT

Time on site:

Time off site:

☐ Waiting time ☐ Cancelled job

DESCRIPTION OF WASTE

☐ Soil & Stones EWC 17.05.04

☐ Clean Hardcore EWC 17.01.07

☐ Tarmac/Bitumen EWC 17.03.02

☐ Mixed Construction Waste EWC 17.09.04

☐ Other (Please specify) MUCK AWAY EWC

☐ Materials Delivery SIC code

Quantity ☒ 8 Wheel load ☐ Weight Tonnes Waste is ☐ Loose ☐ Other

ROLONOF BINS

☐ 20 yd ☐ 40 yd ☐ Del ☐ Exc ☒ Coll

CASH RECEIVED

Amount:

I certify that the above particulars are true and relate to the waste being conveyed or disposed of, or materials being delivered, in pursuance of the sale. I am aware of and accept the conditions detailed on this note. By signing below 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.

Customer name: GABRIEL	Driver name: MAGALIN
Customer signature: [Signature]	Driver signature: [Signature]

DISPOSAL / TRANSFER POINT

☐ Haulage only

Site name:

Ticket No:

Site address:

☐ Ticket Attached

☐ Waste management license no:

☐ Exempt from license

Disposer signature:

Date:

1. Accounts 2. Customer 3. Keep In Book 4. Tip

REIS GRAB HIRE LTD

137B Roundwood Road, London NW10 9UL
Telephone 020 8459 1475, Mobile 07951 179590
Registered Waste Carrier, CEADWAC Carrier No. CBDU94091

LORRY INFORMATION

CONTRACT NO.

15893

Registration: S019UKG

☐ Grab ☐ Tipper ☐ Bin

CUSTOMER DETAILS (PRODUCER)

ALL HIRES ARE SUBJECT TO CPA TERMS & CONDITIONS

On behalf of: NTC HOMES

Date: 16/5/2024

Site address: SG 9 8 LIT

Time on site:

Time off site:

☐ Waiting time ☐ Cancelled job

DESCRIPTION OF WASTE

☐ Soil & Stones EWC 17.05.04

☐ Clean Hardcore EWC 17.01.07

☐ Tarmac/Bitumen EWC 17.03.02

☐ Mixed Construction Waste EWC 17.09.04

☐ Other (Please specify) 1 BUCKET ALKALINE EWC

☐ Materials Delivery SIC code

Quantity ☒ 8 Wheel load ☐ Weight Tonnes Waste is ☐ Loose ☐ Other

ROLONOF BINS

CASH RECEIVED

☐ 20 yd ☐ 40 yd ☐ Del ☐ Exc ☒ Coll

Amount:

I certify that the above particulars are true and relate to the waste being conveyed or disposed of, or materials being delivered, in pursuance of the sale. I am aware of and accept the conditions detailed on this note. By signing below 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.

Customer name: MICHAEL

Driver name: MICHAEL

Customer signature: [Signature]

Driver signature: [Signature]

DISPOSAL / TRANSFER POINT

☐ Haulage only

Site name: Ticket No:

Site address: ☐ Ticket Attached

☐ Waste management license no:

☐ Exempt from license

Disposer signature: Date:

1. Accounts 2. Customer 3. Keep In Book 4. Tip

REIS GRAB HIRE LTD

137B Roundwood Road, London NW10 9UL

Telephone 020 8459 1475, Mobile 07951 179590

Registered Waste Carrier, CEADWAC Carrier No. CBDU94091

LORRY INFORMATION

CONTRACT NO.

15985

Registration:

D266B04

☒ Grab ☐ Tipper ☐ Bin

CUSTOMER DETAILS (PRODUCER)

ALL HIRES ARE SUBJECT TO CPA TERMS & CONDITIONS

On behalf of:

NFC

Date:

22.4.24

Site address:

SG 88 HT, BARLEY

Time on site:

Time off site:

☐ Waiting time ☐ Cancelled job

DESCRIPTION OF WASTE

☒ Soil & Stones EWC 17.05.04

☐ Clean Hardcore EWC 17.01.07

☐ Tarmac/Bitumen EWC 17.03.02

☐ Mixed Construction Waste EWC 17.09.04

☐ Other (Please specify) EWC

☐ Materials Delivery SIC code

Quantity ☒ 8 Wheel load ☐ WeightTonnes Waste is ☒ Loose ☐ Other

ROLONOF BINS

CASH RECEIVED

☐ 20 yd ☐ 40 yd ☐ Del ☐ Exc ☐ Coll

Amount:

I certify that the above particulars are true and relate to the waste being conveyed or disposed of, or materials being delivered, in pursuance of the sale. I am aware of and accept the conditions detailed on this note. By signing below 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.

Customer name: MICHAEL

Driver name: PAUL

Customer signature: [Signature]

Driver signature: [Signature]

DISPOSAL / TRANSFER POINT

☐ Haulage only

Site name:

Ticket No:

Site address:

☐ Ticket Attached

☐ Waste management license no:

☐ Exempt from license

Disposer signature:

Date:

1. Accounts 2. Customer 3. Keep In Book 4. Tip

REIS GRAB HIRE LTD

137B Roundwood Road, London NW10 9UL
Telephone 020 8459 1475, Mobile 07951 179590
Registered Waste Carrier, CEADWAC Carrier No. CBDU94091

LORRY INFORMATION

CONTRACT NO.

15993

Registration:

☐ Grab ☐ Tipper ☐ Bin

CUSTOMER DETAILS (PRODUCER)

ALL HIRES ARE SUBJECT TO CPA TERMS & CONDITIONS

On behalf of:

Date:

Site address:

Time on site:

Time off site:

☐ Waiting time ☐ Cancelled job

DESCRIPTION OF WASTE

- ☒ Soil & Stones EWC 17.05.04 ☐ Clean Hardcore EWC 17.01.07
☐ Tarmac/Bitumen EWC 17.03.02 ☐ Mixed Construction Waste EWC 17.09.04
☐ Other (Please specify) EWC
☐ Materials Delivery SIC code

Quantity ☐ 8 Wheel load ☐ WeightTonnes Waste is ☐ Loose ☐ Other

ROLONOF BINS

CASH RECEIVED

☐ 20 yd ☐ 40 yd ☐ Del ☐ Exc ☐ Coll

Amount:

I certify that the above particulars are true and relate to the waste being conveyed or disposed of, or materials being delivered, in pursuance of the sale. I am aware of and accept the conditions detailed on this note. By signing below 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.

Customer name:	Driver name:
Customer signature:	Driver signature:

DISPOSAL / TRANSFER POINT

☐ Haulage only

Site name:

Ticket No:

Site address:

☐ Ticket Attached

☐ Waste management license no:

☐ Exempt from license

Disposer signature:

Date:

1. Accounts 2. Customer 3. Keep In Book 4. Tip

REIS GRAB HIRE LTD

137B Roundwood Road, London NW10 9UL

Telephone 020 8459 1475, Mobile 07951 179590

Registered Waste Carrier, CEADWAC Carrier No. CBDU94091

LORRY INFORMATION

CONTRACT NO.

16043

Registration: SJ 68 YFG

☐ Grab ☐ Tipper ☐ Bin

CUSTOMER DETAILS (PRODUCER)

ALL HIRES ARE SUBJECT TO CPA TERMS & CONDITIONS

On behalf of: NEC

Date: 24/4/14

Site address: DRAYTON GARAGE SG8 8HT

Time on site: Time off site:

☐ Waiting time ☐ Cancelled job

DESCRIPTION OF WASTE

☒ Soil & Stones EWC 17.05.04

☐ Clean Hardcore EWC 17.01.07

☐ Tarmac/Bitumen EWC 17.03.02

☐ Mixed Construction Waste EWC 17.09.04

☐ Other (Please specify) EWC

☐ Materials Delivery SIC code

Quantity ☐ 8 Wheel load ☐ WeightTonnes Waste is ☐ Loose ☐ Other

ROLONOF BINS

☐ 20 yd ☐ 40 yd ☐ Del ☐ Exc ☐ Coll

CASH RECEIVED

Amount:

I certify that the above particulars are true and relate to the waste being conveyed or disposed of, or materials being delivered, in pursuance of the sale. I am aware of and accept the conditions detailed on this note. By signing below 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.

Customer name: MIHAI

Driver name: Aurel Buihan

Customer signature: [Signature]

Driver signature: [Signature]

DISPOSAL / TRANSFER POINT

☐ Haulage only

Site name: Ticket No:

Site address: ☐ Ticket Attached

☐ Waste management license no:

☐ Exempt from license

Disposer signature: Date:

1. Accounts 2. Customer 3. Keep In Book 4. Tip

Appendix G

Assessment of Soil Quality & Summary of SGVs & GACs

MAYER GUIDELINES FOR THE ASSESSMENT OF SOIL QUALITY

1.0 APPLICATION OF TIER 1 SCREENING VALUES

A number of sets of Tier 1 Screening Values are currently in the public domain and the information below outlines each of these sets and their basis for derivation.

The Contaminated Land Exposure Assessment (CLEA) guidance provides Soil Guideline Values (SGVs), for the assessment of the significance of contamination testing results in soils.

SGVs are intended for use as 'Minimal Risk' levels for human health risk assessment and are based in the regulatory framework for assessment of risk to human health in relation to land use. SGVs have been developed on the basis of many critical assumptions about possible exposure to soil contamination. It is important that an assessor understands these assumptions and limitations before applying SGVs to an area of land.

Their derivation is based on the regulatory framework for assessment of risk to human health in relation to land use. SGVs for selected contaminants (arsenic, mercury, nickel, selenium, phenol, polychlorinated biphenyls (PCBs) and BTEX) were published by the Environment Agency in 2009. Note that due to new research the SGVs and related documents for mercury and nickel have now been withdrawn. There are no plans to publish new SGVs for these two substances as the Environment Agency (EA) no longer undertake this work.

A document published by a joint venture between CL:AIRE (Contaminated Land: Applications in the Real Environment) and the EIC provides additional Generic Assessment Criteria (GACs) for selected contaminants not included within the SGV project. These GACs have been produced based on the same framework and assumptions as the SGVs.

In relation to revised Part 2A Statutory Guidance (April 2012), Category 4 Screening Levels (C4SLs) were produced to aid in providing a simple test for deciding when land is suitable for use and definitely not contaminated land with regard to Part 2A. The derivation of the C4SLs is based on a low level of risk and Low Level of Toxicological Concern (LLTC) instead of Minimal Risk and Health Criteria Values (HCVs) in order to make them more pragmatic than SGVs. In addition, the exposure factors considered in each generic land use have been assessed and changes made to make them more applicable to the way we live today. Currently C4SLs exist for a select number of parameters (arsenic, benzene, benzo(a)pyrene, cadmium, hexavalent chromium and lead).

Subsequent to the C4SLs being published, Suitable 4 Use Levels (S4ULs) were published by Land Quality Management (LQM) to replace their existing GACs. The S4ULs have been developed by a collaborative effort between LQM and members of the UK contaminated land development and are based on updated toxicological information and updated exposure factors. The exposure factors considered are similar to those changed by the C4SL project, although it should be noted that not all changes were incorporated into the S4ULs.

The SGVs, GACs, S4ULs and C4SLs have all been calculated by considering the intended land use, standard soil parameters (pH, organic matter and particle size distribution), and depth from which the soils have been taken, which may not be appropriate for universal application or application to

these specific samples and interpretation is provided as an indicative guide only. Three generic land use scenarios are considered for SGVs, GACs, S4ULs and C4SLs; residential, allotments and commercial. In addition two types of public open space are also considered with regard to the C4SLs and S4ULs.

It should be noted that some of the contaminants included within the S4UL publication duplicate the contaminants where SGVs are available. Although the SGVs were published by the UK Government for use within the contaminated land industry, it may be seen that the SGVs are now out of date as they were published in 2009. The S4ULs are similar to the SGVs in the fact that they have been derived using HCVs but are non statutory due to their origin. However, it is considered that they should be utilised instead of the SGVs as the basis of the S4ULs are more up to date with regard to toxicological information and exposure factors.

It should be noted though that the GACs and S4ULs are non statutory by reason of their origin and should new SGVs be published these values will become redundant.

The GACs and S4ULs have been used as initial screening tools within this report. Where a contaminant has exceeded these values and a C4SL is available, a second assessment will be undertaken based on this value. The exception is for lead where only a C4SL is available and this will be used as the initial screening value.

The screening values for a **Residential with Home Grown Produce** land use have been used where available. Below is a summary of this scenario.

Where SGVs have yet to be issued and GACs, C4SLs and S4ULs are unavailable and until formal guidance has been extended to other potential contaminants and land uses, other sources of guidance have been relied upon.

The information provided within this appendix is a brief summary of the current initial screening tools that are available for use and justification for utilising them. For full details please refer to the full documents referenced below.

Our contamination analytical package is suitable for assessing general contamination on brownfield sites. It was compiled in accordance with a general list of typical parameters.

2.0 RESIDENTIAL WITH OR WITHOUT HOME GROWN PRODUCE

People live in a wide variety of dwellings including, for example, detached, semi-detached and terraced property up to two storeys high. This land use assumes a typical residential property consisting of a two-storey terraced house built on a ground bearing slab. The occupants are presumed to be parents with young children who make regular use of the garden area. Therefore the critical receptor for the site is assumed to be a female child aged 0-6 years. The residential scenario also assumed access to a private or communal garden consisting of lawn and flowerbeds. The 'with homegrown produce' option assumes access to a small fruit and vegetable patch and contribution from consumption of homegrown produce is considered.

The assessment criteria for a residential with **or** without homegrown produce end use have been used as an assessment tool within this report since this is appropriate *considering the development proposals for the site*.

IF WITHOUT HOMEGROWN PRODUCE:

It should be noted that SGVs and GACs currently only exist for a residential with homegrown produce end use. C4SLs have been calculated for a 'without homegrown produce' end use.

3.0 PATHWAYS

Pathways used in the CLEA model include ingestion of dust, uptake by inhalation inside and outside a house (not considered for POS_{park}), direct contact with the skin, and for example the significance of consuming vegetables grown within the soils of interest (only considered in the residential scenario). Each of these pathways of exposure is considered and the significance of each weighted based upon the parameter of interest.

4.0 REFERENCES

Statutory Guidance

Final SC050021/SR3 Updated Technical Background to the CLEA Model

Final SC050021/SR2 Human Health Toxicological Assessment of Contaminants in Soil

Final SC050021/SR4 CLEA Software (Version 1.05) Handbook

Final SC050021/SR7 Compilation of Data for Priority Organic Pollutants for the Derivation of Soil Guideline Values

Soil Guideline Values (SGVs)

SC050021/ SGV Introduction

SC050021/ Inorganic Arsenic SGV

SC050021/ Mercury SGV (*withdrawn*)

SC050021/ Selenium SGV

SC050021/ Nickel SGV (*withdrawn*)

SC050021/ Benzene SGV

SC050021/ Toluene SGV

SC050021/ Ethylbenzene SGV

SC050021/ Xylene SGV

SC050021/ Phenol SGV

SC050021/Cadmium SGV

SC050021/ Dioxins SGV

SC050021/TOX1 Contaminants in Soil: Updated collation of toxicological data and intake values for humans. Inorganic Arsenic

SC050021/TOX3 Contaminants in Soil: Updated collation of toxicological data and intake values for humans. Cadmium

SC050021 Contaminants in Soil: Updated collation of toxicological data and intake values for humans. Mercury (*withdrawn*)

SC050021/TOX8 Contaminants in Soil: Updated collation of toxicological data and intake values for humans. Nickel (*withdrawn*)

SC050021/TOX9 Contaminants in Soil: Updated collation of toxicological data and intake values for humans. Phenol

SC050021/TOX12 Contaminants in Soil: Updated collation of toxicological data and intake values for humans. Dioxins, Furans and Dioxin-like PCBs

SC050021 Contaminants in Soil: Updated collation of toxicological data and intake values for humans. Selenium

SC050021 Contaminants in Soil: Updated collation of toxicological data and intake values for humans. Benzene

SC050021 Contaminants in Soil: Updated collation of toxicological data and intake values for humans. Toluene

SC050021 Contaminants in Soil: Updated collation of toxicological data and intake values for humans. Ethylbenzene

SC050021 Contaminants in Soil: Updated collation of toxicological data and intake values for humans. Xylene

SC050021 Supplementary information for the derivation of SGVs for Arsenic

SC050021 Supplementary information for the derivation of SGVs for Mercury (*withdrawn*)

SC050021 Supplementary information for the derivation of SGVs for Nickel (*withdrawn*)

SC050021 Supplementary information for the derivation of SGVs for Selenium

SC050021 Supplementary information for the derivation of SGVs for Benzene

SC050021 Supplementary information for the derivation of SGVs for Toluene

SC050021 Supplementary information for the derivation of SGVs for Ethylbenzene

SC050021 Supplementary information for the derivation of SGVs for Xylene

SC050021 Supplementary information for the derivation of SGVs for Cadmium

SC050021 Supplementary information for the derivation of SGVs for Phenol

SC050021 Supplementary information for the derivation of SGVs for Dioxins, Furans and Dioxin-like PCBs

Generic Assessment Criteria (GACs)

CLAIRE (2010). 'Soil Generic Assessment Criteria for Human Health Risk Assessment'. Contaminated Land: Applications in Real Environments (CLAIRE). January 2010.

Category 4 Screening Levels (C4SLs)

CL:AIRE. SP1010 Development of Category 4 Screening Levels (C4SLs) for Assessment of Land Affected by Contamination. Final Project Report. December 2013.

Appendix A Sensitivity Analysis Parameters

Appendix B Probability Modelling

Appendix C Arsenic

Appendix D Benzene

Appendix E Benzo(a)pyrene

Appendix F Cadmium

Appendix G Chromium VI

Appendix H Lead

Appendix I Statistics Review

DEFRA. SP1010 Development of Category 4 Screening Levels (C4SLs) for Assessment of Land Affected by Contamination – Policy Companion Document. March 2014

Suitable 4 Use Levels (S4ULs)

Land Quality Management (LQM). Nathanail, C.P, McCaffrey, C., Gillett, A.G., Ogden, R.C. and Nathanail, J.F. The LQM/CIEH S4ULs for Human Health Risk Assessment. Land Quality Press. 2015.

INORGANIC PARAMETERS

All information below is to be read in conjunction with Mayer Environmental Ltd guidance document on the use of assessment criteria and their limitations.

All values cited here assume a sandy loam soil as defined in SR3.

It should be noted that the parameters listed below are not an exhaustive list – additional parameters have been included within the LQM S4ULs and CL:AIRE GACs. However, the parameters listed below are considered to be the most commonly encountered.

Key:

*CL:AIRE/EIC Publication

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Inorganic Arsenic

Generic Scenario	SGV (mg/kg)	S4UL^ (mg/kg)	C4SL (mg/kg)	GAC* (mg/kg)
Residential with home-grown produce	32	37	37	-
Residential without home-grown produce	-	40	40	-
Allotment	43	43	49	-
Commercial	640	640	640	-
POS _{Resi}	-	79	79	-
POS _{Park}	-	170	170	-

Boron

Generic Scenario	SGV (mg/kg)	S4UL^ (mg/kg)	C4SL (mg/kg)	GAC* (mg/kg)
Residential with home-grown produce	-	290	-	-
Residential without home-grown produce	-	11,000	-	-
Allotment	-	45	-	-
Commercial	-	240,000	-	-
POS _{Resi}	-	21,000	-	-
POS _{Park}	-	46,000	-	-

Cadmium

Generic Scenario	SGV (mg/kg)	S4UL^ (mg/kg)	C4SL (mg/kg)	GAC* (mg/kg)
Residential with home-grown produce	10	11	22	-
Residential without home-grown produce	-	85	150	-
Allotment	1.8	1.9	3.9	-
Commercial	230	190	410	-
POS _{Resi}	-	120	220	-
POS _{Park}	-	560	880	-

Chromium III

Generic Scenario	SGV (mg/kg)	S4UL [^] (mg/kg)	C4SL (mg/kg)	GAC* (mg/kg)
Residential with home-grown produce	-	910	-	-
Residential without home-grown produce	-	910	-	-
Allotment	-	18,000	-	-
Commercial	-	8,600	-	-
POS _{Resi}	-	1,500	-	-
POS _{Park}	-	33,000	-	-

Hexavalent Chromium (Chromium VI)

Generic Scenario	SGV (mg/kg)	S4UL [^] (mg/kg)	C4SL (mg/kg)	GAC* (mg/kg)
Residential with home-grown produce	-	6	21	-
Residential without home-grown produce	-	6	21	-
Allotment	-	1.8	170	-
Commercial	-	33	49	-
POS _{Resi}	-	7.7	21	-
POS _{Park}	-	220	250	-

Copper

Generic Scenario	SGV (mg/kg)	S4UL [^] (mg/kg)	C4SL (mg/kg)	GAC* (mg/kg)
Residential with home-grown produce	-	2,400	-	-
Residential without home-grown produce	-	7,100	-	-
Allotment	-	520	-	-
Commercial	-	68,000	-	-
POS _{Resi}	-	12,000	-	-
POS _{Park}	-	44,000	-	-

Lead

Generic Scenario	SGV (mg/kg)	S4UL [^] (mg/kg)	C4SL (mg/kg)	GAC* (mg/kg)
Residential with home-grown produce	-	-	200	-
Residential without home-grown produce	-	-	310	-
Allotment	-	-	80	-
Commercial	-	-	2,330	-
POS _{Resi}	-	-	630	-
POS _{Park}	-	-	1,300	-

Mercury

The criteria values for inorganic mercury can normally be compared to total mercury as the equilibrium concentration of elemental and methyl mercury is likely to be low. However, consideration should be given to determine if elemental or methyl mercury are likely to be present.

Inorganic Mercury

Generic Scenario	SGV (mg/kg)	S4UL [^] (mg/kg)	C4SL (mg/kg)	GAC* (mg/kg)
Residential with home-grown produce	-	40	-	-
Residential without home-grown produce	-	56	-	-
Allotment	-	19	-	-
Commercial	-	1,100	-	-
POS _{Resi}	-	120	-	-
POS _{Park}	-	240	-	-

Elemental Mercury

Generic Scenario	SGV (mg/kg)	S4UL [^] (mg/kg)	C4SL (mg/kg)	GAC* (mg/kg)
Residential with home-grown produce	-	1.2	-	-
Residential without home-grown produce	-	1.2	-	-
Allotment	-	21	-	-
Commercial	-	58 (25.8)	-	-
POS _{Resi}	-	16	-	-
POS _{Park}	-	30 (25.8)	-	-

The S4ULs provided for commercial and POS resi exceed the vapour saturation limit which is shown in brackets.

Methyl Mercury

Generic Scenario	SGV (mg/kg)	S4UL [^] (mg/kg)	C4SL (mg/kg)	GAC* (mg/kg)
Residential with home-grown produce	-	11	-	-
Residential without home-grown produce	-	15	-	-
Allotment	-	6	-	-
Commercial	-	320	-	-
POS _{Resi}	-	40	-	-
POS _{Park}	-	68	-	-

Nickel

Generic Scenario	SGV (mg/kg)	S4UL [^] (mg/kg)	C4SL (mg/kg)	GAC* (mg/kg)
Residential with home-grown produce	-	130	-	-
Residential without home-grown produce	-	180	-	-
Allotment	-	53	-	-
Commercial	-	980	-	-
POS _{Resi}	-	230	-	-
POS _{Park}	-	800	-	-

Selenium

Generic Scenario	SGV (mg/kg)	S4UL [^] (mg/kg)	C4SL (mg/kg)	GAC* (mg/kg)
------------------	----------------	------------------------------	-----------------	-----------------

Human Health Criteria Assessment Values

Residential with home-grown produce	350	250	-	-
Residential without home-grown produce	-	430	-	-
Allotment	120	88	-	-
Commercial	13,000	12,000	-	-
POS _{Resi}	-	1,100	-	-
POS _{Park}	-	1,800	-	-

Zinc

Generic Scenario	SGV (mg/kg)	S4UL^ (mg/kg)	C4SL (mg/kg)	GAC* (mg/kg)
Residential with home-grown produce	-	3,700	-	-
Residential without home-grown produce	-	40,000	-	-
Allotment	-	620	-	-
Commercial	-	730,000	-	-
POS _{Resi}	-	81,000	-	-
POS _{Park}	-	170,000	-	-

ORGANIC PARAMETERS

All information below is to be read in conjunction with Mayer Environmental Ltd guidance document on the use of assessment criteria and their limitations.

All values cited here assume a sandy loam soil as defined in SR3.

All criteria values given below assume that no free phase contamination is present.

It should be noted that the parameters listed below are not an exhaustive list – additional parameters have been included within the LQM S4ULs and CL:AIRE GACs. However, the parameters listed below are considered to be the most commonly encountered.

Key:

^a S4ULs presented exceed the vapour saturation limit, which is presented in brackets

^b S4ULs presented exceed the solubility saturation limit, which is presented in brackets

*CL:AIRE/EIC Publication

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BTEX & MTBE

Benzene

Generic Scenario	SGV (mg/kg)	S4UL [^] (mg/kg)				C4SL (mg/kg)	GAC* (mg/kg)
	6.0% SOM	1.0% SOM	2.5% SOM	6.0% SOM	6.0% SOM		
Residential with home-grown produce	0.33	0.087	0.17	0.37	0.87	-	
Residential without home-grown produce	-	0.38	0.70	1.4	3.3	-	
Allotment	0.07	0.017	0.034	0.075	0.18	-	
Commercial	95	27	47	90	98	-	
POS _{Resi}	-	72	72	73	140	-	
POS _{Park}	-	90	100	110	230	-	

Toluene

Generic Scenario	SGV (mg/kg)	S4UL [^] (mg/kg)				C4SL (mg/kg)	GAC* (mg/kg)
	6.0% SOM	1.0% SOM	2.5% SOM	6.0% SOM	6.0% SOM		
Residential with home-grown produce	610	130	290	660	-	-	
Residential without home-grown produce	-	880 ^a (869)	1,900	3,900	-	-	
Allotment	120	22	51	120	-	-	
Commercial	4,400	56,000 ^a (869)	110,000 ^a (1,920)	180,000 ^a (4,360)	-	-	
POS _{Resi}	-	56,000	56,000	56,000	-	-	
POS _{Park}	-	87,000 ^a (869)	95,000 ^a (1,920)	100,000 ^a (4,360)	-	-	

Ethylbenzene

Generic Scenario	SGV (mg/kg)	S4UL [^] (mg/kg)				C4SL (mg/kg)	GAC* (mg/kg)
	6.0% SOM	1.0% SOM	2.5% SOM	6.0% SOM	6.0% SOM		
Residential with home-grown produce	350	47	110	260	-	-	
Residential without home-grown produce	-	83	190	440	-	-	
Allotment	90	16	39	91	-	-	
Commercial	2,800	5,700 (518)	13,000 (1,220)	27,000 (2,840)	-	-	
POS _{Resi}	-	24,000	24,000	25,000	-	-	
POS _{Park}	-	17,000 (518)	22,000 (1,220)	27,000 (2,840)	-	-	

Xylene

If the source is suspected to be a fresh spill then the total xylene concentration can be compared to the m-xylene value. If composition of the source is unknown or weathered the most conservative value should be used.

o-Xylene

Generic Scenario	SGV (mg/kg)	S4UL^ (mg/kg)			C4SL (mg/kg)	GAC* (mg/kg)
	6.0% SOM	1.0% SOM	2.5% SOM	6.0% SOM	6.0% SOM	
Residential with home-grown produce	250	60	140	330	-	-
Residential without home-grown produce	-	88	210	480	-	-
Allotment	160	28	67	160	-	-
Commercial	2,600	6,600 ^b (478)	15,000 ^b (1,120)	33,000 ^b (2,620)	-	-
POS _{Resi}	-	41,000	42,000	43,000	-	-
POS _{Park}	-	17,000 ^b (478)	24,000 ^b (1,120)	33,000 ^b (2,620)	-	-

m-Xylene

Generic Scenario	SGV (mg/kg)	S4UL^ (mg/kg)			C4SL (mg/kg)	GAC* (mg/kg)
	6.0% SOM	1.0% SOM	2.5% SOM	6.0% SOM	6.0% SOM	
Residential with home-grown produce	240	59	140	320	-	-
Residential without home-grown produce	-	82	190	450	-	-
Allotment	180	31	74	170	-	-
Commercial	3,500	6,200a (625)	14,000 ^a (1,470)	31,000 ^b (3,460)	-	-
POS _{Resi}	-	41,000	42,000	43,000	-	-
POS _{Park}	-	17,000 ^a (625)	24,000 ^a (1,470)	32,000 ^b (3,460)	-	-

p-Xylene

Generic Scenario	SGV (mg/kg)	S4UL [^] (mg/kg)				C4SL (mg/kg)	GAC* (mg/kg)
	6.0% SOM	1.0% SOM	2.5% SOM	6.0% SOM	6.0% SOM		
Residential with home-grown produce	230	56	130	310	-	-	
Residential without home-grown produce	-	79	180	430	-	-	
Allotment	160	29	69	160	-	-	
Commercial	3,200	5,900 ^b (576)	14,000 ^b (1,350)	30,000 ^b (3,170)	-	-	
POS _{Resi}	-	41,000	42,000	43,000	-	-	
POS _{Park}	-	17,000 ^b (576)	23,000 ^b (1,350)	31,000 ^b (3,170)	-	-	

Methyl tert-butyl ether (MTBE)

Generic Scenario	SGV (mg/kg)	S4UL [^] (mg/kg)	C4SL (mg/kg)	GAC* (mg/kg)		
	6.0% SOM	-	6.0% SOM	1.0% SOM	2.5% SOM	6.0% SOM
Residential with home-grown produce	-		-	49	84	160
Residential without home-grown produce	-		-	73	120	220
Allotment	-		-	23	44	90
Commercial	-		-	7,900	13,000	24,000
POS _{Resi}	-		-	-	-	-
POS _{Park}	-		-	-	-	-

PETROLEUM HYDROCARBONS

Residential With Home Grown Produce Scenario

Fraction	SGV (mg/kg)	S4UL^ (mg/kg)				C4SL (mg/kg)	GAC* (mg/kg)
	6.0% SOM	1.0% SOM	2.5% SOM	6.0% SOM	6.0% SOM	6.0% SOM	1.0% SOM
Aliphatic EC 5-6	-	42	78	160	-	-	-
Aliphatic EC>6-8	-	100	230	530	-	-	-
Aliphatic EC >8-10	-	27	65	150	-	-	-
Aliphatic EC >10-12	-	130 ^a (48)	330 ^b (118)	760 ^a (283)	-	-	-
Aliphatic EC >12-16	-	1,100 ^b (24)	2,400 ^b (59)	4,300 ^b (142)	-	-	-
Aliphatic EC >16-35	-	65,000 ^b (8.48)	92,000 ^b (21)	110,000	-	-	-
Aliphatic EC >35-44	-	65,000 ^b (8.48)	92,000 ^b (21)	110,000	-	-	-
Aromatic EC 5-7 (benzene)	-	70	140	300	-	-	-
Aromatic EC>7-8 (toluene)	-	130	290	660	-	-	-
Aromatic EC>8-10	-	34	83	190	-	-	-
Aromatic EC >10-12	-	74	180	380	-	-	-
Aromatic EC >12-16	-	140	330	660	-	-	-
Aromatic EC >16-21	-	260	540	930	-	-	-
Aromatic EC >21-35	-	1,100	1,500	1,700	-	-	-
Aromatic >35-44	-	1,100	1,500	1,700	-	-	-
Aliphatic + Aromatic EC >44-70	-	1,600	1,800	1,900	-	-	-

Residential Without Home Grown Produce Scenario

Fraction	SGV (mg/kg)	S4UL^ (mg/kg)	C4SL (mg/kg)	GAC* (mg/kg)
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Human Health Criteria Assessment Values

	6.0% SOM	1.0% SOM	2.5% SOM	6.0% SOM	6.0% SOM	1.0% SOM
Aliphatic EC 5-6	-	42	78	160	-	-
Aliphatic EC>6-8	-	100	230	530	-	-
Aliphatic EC >8-10	-	27	65	150	-	-
Aliphatic EC >10-12	-	130 ^a (48)	330 ^b (118)	770 ^a (283)	-	-
Aliphatic EC >12-16	-	1,100 ^b (24)	2,400 ^b (59)	4,400 ^b (142)	-	-
Aliphatic EC >16-35	-	65,000 ^b (8.48)	92,000 ^b (21)	110,000	-	-
Aliphatic EC >35-44	-	65,000 ^b (8.48)	92,000 ^b (21)	110,000	-	-
Aromatic EC 5-7 (benzene)	-	370	690	1,400	-	-
Aromatic EC>7-8 (toluene)	-	860	1,800	3,900	-	-
Aromatic EC>8-10	-	47	110	270	-	-
Aromatic EC >10-12	-	250	590	1,200	-	-
Aromatic EC >12-16	-	1,800	2,300 ^b (419)	2,500	-	-
Aromatic EC >16-21	-	1,900	1,900	1,900	-	-
Aromatic EC >21-35	-	1,900	1,900	1,900	-	-
Aromatic >35-44	-	1,900	1,900	1,900	-	-
Aliphatic + Aromatic EC >44-70	-	1,900	1,900	1,900	-	-

Allotment Scenario

Fraction	SGV (mg/kg)	S4UL [^] (mg/kg)	C4SL (mg/kg)	GAC* (mg/kg)
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Human Health Criteria Assessment Values

	6.0% SOM	1.0% SOM	2.5% SOM	6.0% SOM	6.0% SOM	1.0% SOM
Aliphatic EC 5-6	-	730	1,700	3,900	-	-
Aliphatic EC>6-8	-	2,300	5,600	13,000	-	-
Aliphatic EC >8-10	-	320	770	1,700	-	-
Aliphatic EC >10-12	-	2,200	4,400	7,300	-	-
Aliphatic EC >12-16	-	11,000	13,000	13,000	-	-
Aliphatic EC >16-35	-	260,000	270,000	270,000	-	-
Aliphatic EC >35-44	-	260,000	270,000	270,000	-	-
Aromatic EC 5-7 (benzene)	-	13	27	57	-	-
Aromatic EC>7-8 (toluene)	-	22	51	120	-	-
Aromatic EC>8-10	-	8.6	21	51	-	-
Aromatic EC >10-12	-	13	31	74	-	-
Aromatic EC >12-16	-	23	57	130	-	-
Aromatic EC >16-21	-	46	110	260	-	-
Aromatic EC >21-35	-	370	820	1,600	-	-
Aromatic >35-44	-	370	820	1,600	-	-
Aliphatic + Aromatic EC >44-70	-	1,200	2,100	3,000	-	-

Commercial Scenario

Fraction	SGV (mg/kg)	S4UL [^] (mg/kg)				C4SL (mg/kg)	GAC* (mg/kg)
	6.0%	1.0%	2.5%	6.0%	6.0%	6.0%	1.0%

Human Health Criteria Assessment Values

	SOM	SOM	SOM	SOM	SOM	SOM
Aliphatic EC 5-6	-	3,200 ^b (304)	5,900 ^b (558)	12,000 ^b (1,150)	-	-
Aliphatic EC>6-8	-	7,800 ^b (144)	17,000 ^b (322)	40,000 ^b (736)	-	-
Aliphatic EC >8-10	-	2,000 ^b (78)	4,800 ^a (190)	11,000 ^a (451)	-	-
Aliphatic EC >10-12	-	9,700 ^b (48)	23,000 ^a (118)	47,000 ^a (283)	-	-
Aliphatic EC >12-16	-	59,000 ^b (24)	82,000 ^b (59)	90,000 ^b (142)	-	-
Aliphatic EC >16-35	-	1,600,000	1,700,000	1,800,000	-	-
Aliphatic EC >35-44	-	1,600,000	1,700,000	1,800,000	-	-
Aromatic EC 5-7 (benzene)	-	26,000 ^b (1,220)	46,000 ^b (2,260)	86,000 ^b (4,710)	-	-
Aromatic EC>7-8 (toluene)	-	56,000 ^a (869)	110,000 ^b (1,920)	180,000 ^a (4,360)	-	-
Aromatic EC>8-10	-	3,500 ^a (613)	8,100 ^a (1,500)	17,000 ^a (3,580)	-	-
Aromatic EC >10-12	-	16,000 ^b (364)	28,000 ^b (899)	34,000 ^b (2,150)	-	-
Aromatic EC >12-16	-	36,000 ^b (169)	37,000	38,000	-	-
Aromatic EC >16-21	-	28,000	28,000	28,000	-	-
Aromatic EC >21-35	-	28,000	28,000	28,000	-	-
Aromatic >35-44	-	28,000	28,000	28,000	-	-
Aliphatic + Aromatic EC >44-70	-	28,000	28,000	28,000	-	-

Public Open Space – Residential (POS_{resi}) Scenario

Fraction	SGV (mg/kg)	S4UL^ (mg/kg)			C4SL (mg/kg)	GAC* (mg/kg)
	6.0% SOM	1.0% SOM	2.5% SOM	6.0% SOM	6.0% SOM	1.0% SOM

Human Health Criteria Assessment Values

Aliphatic EC 5-6	-	570,000 ^b (304)	590,000	600,000	-	-
Aliphatic EC>6-8	-	600,000	610,000	620,000	-	-
Aliphatic EC >8-10	-	13,000	13,000	13,000	-	-
Aliphatic EC >10-12	-	13,000	13,000	13,000	-	-
Aliphatic EC >12-16	-	13,000	13,000	13,000	-	-
Aliphatic EC >16-35	-	250,000	250,000	250,000	-	-
Aliphatic EC >35-44	-	250,000	250,000	250,000	-	-
Aromatic EC 5-7 (benzene)	-	56,000	56,000	56,000	-	-
Aromatic EC>7-8 (toluene)	-	56,000	56,000	56,000	-	-
Aromatic EC>8-10	-	5,000	5,000	5,000	-	-
Aromatic EC >10-12	-	5,000	5,000	5,000	-	-
Aromatic EC >12-16	-	5,100	5,100	5,000	-	-
Aromatic EC >16-21	-	3,800	3,800	3,800	-	-
Aromatic EC >21-35	-	3,800	3,800	3,800	-	-
Aromatic >35-44	-	3,800	3,800	3,800	-	-
Aliphatic + Aromatic EC >44-70	-	3,800	3,800	3,800	-	-

Public Open Space – Public Park (POS_{park}) Scenario

Fraction	SGV (mg/kg)	S4UL^ (mg/kg)			C4SL (mg/kg)	GAC* (mg/kg)
	6.0% SOM	1.0% SOM	2.5% SOM	6.0% SOM	6.0% SOM	1.0% SOM

Human Health Criteria Assessment Values

Aliphatic EC 5-6	-	95,000 ^b (304)	130,000 ^b (558)	180,000 ^b (1,150)	-	-
Aliphatic EC>6-8	-	150,000 ^b (144)	220,000 ^b (322)	320,000 ^b (736)	-	-
Aliphatic EC >8-10	-	14,000 ^b (78)	18,000 ^a (190)	21,000 ^a (451)	-	-
Aliphatic EC >10-12	-	21,000 ^b (48)	23,000 ^a (118)	24,000 ^a (283)	-	-
Aliphatic EC >12-16	-	25,000 ^b (24)	25,000 ^b (59)	26,000 ^b (142)	-	-
Aliphatic EC >16-35	-	450,000	480,000	490,000	-	-
Aliphatic EC >35-44	-	450,000	480,000	490,000	-	-
Aromatic EC 5-7 (benzene)	-	76,000 ^b (1,220)	84,000 ^b (2,260)	92,000 ^b (4,710)	-	-
Aromatic EC>7-8 (toluene)	-	87,000 ^a (869)	95,000 ^b (1,920)	100,000 ^a (4,360)	-	-
Aromatic EC>8-10	-	7,200 ^a (613)	8,500 ^a (1,500)	9,300 ^a (3,580)	-	-
Aromatic EC >10-12	-	9,200 ^b (364)	9,700 ^b (899)	10,000	-	-
Aromatic EC >12-16	-	10,000	10,000	10,000	-	-
Aromatic EC >16-21	-	7,800	7,700	7,800	-	-
Aromatic EC >21-35	-	7,800	7,800	7,900	-	-
Aromatic >35-44	-	7,800	7,800	7,900	-	-
Aliphatic + Aromatic EC >44-70	-	7,800	7,800	7,900	-	-

POLYCYCLIC AROMATIC HYDROCARBONS

There are two principle approaches considered suitable for the risk assessment of PAHs; a suitable surrogate marker (usually benzo(a)pyrene (BaP)) or the use of relative potency factors (RPFs). In this case S4ULs have been produced for both approaches. The surrogate marker approach involves using

BaP as a marker compound as long as the PAH profile being assessed is within an order of magnitude for the coal tar mixture studied by Culp et al. (see S4UL document for full details).

RPFs are used in assessing risks from complex mixtures of PAHs. In some cases it is assumed that all of the carcinogenic PAH compounds are as potent as BaP. However, this is a highly conservative approach and approaches based on relative potency have been developed to assess risks from mixtures of PAH congeners. BaP is the most thoroughly studied of the congeners and so is usually used as a benchmark for estimating the relative carcinogenic potency of other PAH congeners.

Residential With Home Grown Produce Scenario

Fraction	SGV (mg/kg)	S4UL [^] (mg/kg)				C4SL (mg/kg)	GAC* (mg/kg)
	6.0% SOM	1.0% SOM	2.5% SOM	6.0% SOM	6.0% SOM	6.0% SOM	1.0% SOM
Acenaphthene	-	210	510	1,100	-	-	-
Acenaphthylene	-	170	420	920	-	-	-
Anthracene	-	2,400	5,400	11,000	-	-	-
Benzo(a)anthracene	-	7.2	11	13	-	-	-
Benzo(a)pyrene (only)	-	2.2	2.7	3.0	5	-	-
Benzo(b)fluoranthene	-	2.6	3.3	3.7	-	-	-
Benzo(ghi)perylene	-	320	340	350	-	-	-
Benzo(k)fluoranthene	-	77	93	100	-	-	-
Chrysene	-	15	22	27	-	-	-
Dibenz(ah)anthracene	-	0.24	0.28	0.3	-	-	-
Fluoranthene	-	280	560	890	-	-	-
Fluorene	-	170	400	860	-	-	-
Indeno(123-cd)pyrene	-	27	36	41	-	-	-
Naphthalene	-	2.3	5.6	13	-	-	-
Phenanthrene	-	95	2220	440	-	-	-
Pyrene	-	620	1,200	2,000	-	-	-
Coal Tar (BaP as surrogate marker)	-	0.79	0.98	1.1	-	-	-

Residential Without Home Grown Produce Scenario

Fraction	SGV (mg/kg)	S4UL [^] (mg/kg)				C4SL (mg/kg)	GAC* (mg/kg)
	6.0% SOM	1.0% SOM	2.5% SOM	6.0% SOM	6.0% SOM	6.0% SOM	1.0% SOM

Human Health Criteria Assessment Values

Acenaphthene	-	3,000 ^b (57)	4,700 ^b (141)	6,000 ^b (336)	-	-
Acenaphthylene	-	2,900 ^b (86.1)	4,600 ^b (212)	6,000 ^b (506)	-	-
Anthracene	-	31,000 ^a (1.17)	35,000	37,000	-	-
Benzo(a)anthracene	-	11	14	15	-	-
Benzo(a)pyrene (only)	-	3.2	3.2	3.2	5.3	-
Benzo(b)fluoranthene	-	3.9	4.0	4.0	-	-
Benzo(ghi)perylene	-	360	360	360	-	-
Benzo(k)fluoranthene	-	110	110	110	-	-
Chrysene	-	30	31	32	-	-
Dibenz(ah)anthracene	-	0.31	0.32	0.32	-	-
Fluoranthene	-	1,500	1,600	1,600	-	-
Fluorene	-	2,800 ^b (30.9)	3,800 ^b (76.5)	4,500 ^b (1835)	-	-
Indeno(123-cd)pyrene	-	45	46	46	-	-
Naphthalene	-	2.3	5.6	13	-	-
Phenanthrene	-	1,300 ^b (36)	1,500	1,500	-	-
Pyrene	-	3,700	3,800	3,800	-	-
Coal Tar (BaP as surrogate marker)	-	1.2	1.2	1.2	-	-

Allotment Scenario

Fraction	SGV (mg/kg)	S4UL^ (mg/kg)			C4SL (mg/kg)	GAC* (mg/kg)
	6.0% SOM	1.0% SOM	2.5% SOM	6.0% SOM	6.0% SOM	1.0% SOM

Human Health Criteria Assessment Values

Acenaphthene	-	34	85	200	-	-
Acenaphthylene	-	28	69	160	-	-
Anthracene	-	380	950	2,200	-	-
Benzo(a)anthracene	-	2.9	6.5	13	-	-
Benzo(a)pyrene (only)	-	0.97	2.0	3.5	5.7	-
Benzo(b)fluoranthene	-	0.99	2.1	3.9	-	-
Benzo(ghi)perylene	-	290	470	640	-	-
Benzo(k)fluoranthene	-	37	75	130	-	-
Chrysene	-	4.1	9.4	19	-	-
Dibenz(ah)anthracene	-	0.14	0.27	0.43	-	-
Fluoranthene	-	52	130	290	-	-
Fluorene	-	27	67	160	-	-
Indeno(123-cd)pyrene	-	9.5	21	39	-	-
Naphthalene	-	4.1	10	24	-	-
Phenanthrene	-	15	38	90	-	-
Pyrene	-	110	270	620	-	-
Coal Tar (BaP as surrogate marker)	-	0.32	0.67	1.2	-	-

Commercial Scenario

Fraction	SGV (mg/kg)	S4UL [^] (mg/kg)				C4SL (mg/kg)	GAC* (mg/kg)
	6% SOM	1% SOM	2.5% SOM	6% SOM		6% SOM	1% SOM

Human Health Criteria Assessment Values

Acenaphthene	-	84,000 ^b (57)	97,000 ^b (141)	100,000	-	-
Acenaphthylene	-	83,900 ^b (86.1)	97,000 ^b (212)	100,000	-	-
Anthracene	-	520,000	540,000	540,000	-	-
Benzo(a)anthracene	-	170	170	180	-	-
Benzo(a)pyrene (only)	-	35	35	36	77	-
Benzo(b)fluoranthene	-	44	44	45	-	-
Benzo(ghi)perylene	-	3,900	4,000	4,000	-	-
Benzo(k)fluoranthene	-	1,200	1,200	1,200	-	-
Chrysene	-	350	350	350	-	-
Dibenz(ah)anthracene	-	3.5	3.6	3.6	-	-
Fluoranthene	-	23,000	23,000	23,000	-	-
Fluorene	-	63,000 ^b (30.9)	68,000	71,000	-	-
Indeno(123-cd)pyrene	-	22,000	510	510	-	-
Naphthalene	-	190 ^b (76.4)	460 ^b (183)	1,100 ^b (432)	-	-
Phenanthrene	-	22,000	22,000	23,000	-	-
Pyrene	-	54,000	54,000	54,000	-	-
Coal Tar (BaP as surrogate marker)	-	15	15	15	-	-

Public Open Space – Residential (POS_{resi}) Scenario

Fraction	SGV (mg/kg)	S4UL^ (mg/kg)				C4SL (mg/kg)	GAC* (mg/kg)
	6% SOM	1% SOM	2.5% SOM	6% SOM	6% SOM	1% SOM	

Human Health Criteria Assessment Values

Acenaphthene	-	15,000	15,000	15,000	-	-
Acenaphthylene	-	15,000	15,000	15,000	-	-
Anthracene	-	74,000	74,000	74,000	-	-
Benzo(a)anthracene	-	29	29	29	-	-
Benzo(a)pyrene (only)	-	5.7	5.7	5.7	21	-
Benzo(b)fluoranthene	-	7.1	7.2	7.2	-	-
Benzo(ghi)perylene	-	640	640	640	-	-
Benzo(k)fluoranthene	-	190	190	190	-	-
Chrysene	-	57	57	57	-	-
Dibenz(ah)anthracene	-	0.57	0.57	0.58	-	-
Fluoranthene	-	3,100	3,100	3,100	-	-
Fluorene	-	9,900	9,900	9,900	-	-
Indeno(123-cd)pyrene	-	82	82	82	-	-
Naphthalene	-	4,900	4,900	4,900	-	-
Phenanthrene	-	3,100	3,100	3,100	-	-
Pyrene	-	7,400	7,400	7,400	-	-
Coal Tar (BaP as surrogate marker)	-	2.2	2.2	2.2	-	-

Public Open Space – Public Park (POS_{park}) Scenario

Fraction	SGV (mg/kg)	S4UL [^] (mg/kg)			C4SL (mg/kg)	GAC* (mg/kg)
	6% SOM	1% SOM	2.5% SOM	6% SOM	6% SOM	1% SOM

Human Health Criteria Assessment Values

Acenaphthene	-	29,000	30,000	30,000	-	-
Acenaphthylene	-	29,000	30,000	30,000	-	-
Anthracene	-	150,000	150,000	150,000	-	-
Benzo(a)anthracene	-	49	56	62	-	-
Benzo(a)pyrene (only)	-	11	12	13	10	-
Benzo(b)fluoranthene	-	13	15	16	-	-
Benzo(ghi)perylene	-	1,400	1,500	1,600	-	-
Benzo(k)fluoranthene	-	370	410	440	-	-
Chrysene	-	93	110	120	-	-
Dibenz(ah)anthracene	-	1.1	1.3	1.4	-	-
Fluoranthene	-	6,300	6,300	6,400	-	-
Fluorene	-	20,000	20,000	20,000	-	-
Indeno(123-cd)pyrene	-	150	170	180	-	-
Naphthalene	-	120 ^b (76.4)	1,900 ^b (183)	3,000	-	-
Phenanthrene	-	6,200	6,200	6,300	-	-
Pyrene	-	15,000	15,000	15,000	-	-
Coal Tar (BaP as surrogate marker)	-	4.4	4.7	4.8	-	-

CHLORINATED SOLVENTS

Residential With Home Grown Produce Scenario

Chlorinated Solvent	SGV (mg/kg)	S4UL^ (mg/kg)				C4SL (mg/kg)	GAC* (mg/kg)		
	6%	1%	2.5%	6%	6%	1%	2.5%	6%	

Human Health Criteria Assessment Values

	SOM	SOM	SOM	SOM	SOM	SOM	SOM	SOM
Trichloroethene (TCE)	-	0.016	0.034	0.075	-	-	-	-
Tetrachloroethene (PCE)	-	0.18	0.39	0.9	-	-	-	-
Cis-1,2 Dichloroethene	-	-	-	-	-	0.11	0.19	0.37
Trans-1,2 Dichloroethene	-	-	-	-	-	0.19	0.34	0.7
Vinyl Chloride (aka chloroethene)	-	0.00064	0.00087	0.0014	-	-	-	-

Residential Without Home Grown Produce Scenario

Chlorinated Solvent	SGV (mg/kg)	S4UL^ (mg/kg)			C4SL (mg/kg)	GAC* (mg/kg)		
	6% SOM	1% SOM	2.5% SOM	6% SOM	6% SOM	1% SOM	2.5% SOM	6% SOM
Trichloroethene (TCE)	-	0.017	0.036	0.08	-	-	-	-
Tetrachloroethene (PCE)	-	0.18	0.4	0.92	-	-	-	-
Cis-1,2 Dichloroethene	-	-	-	-	-	0.12	0.2	0.39
Trans-1,2 Dichloroethene	-	-	-	-	-	0.19	0.35	0.71
Vinyl Chloride (aka chloroethene)	-	0.00077	0.001	0.0015	-	-	-	-

Allotment Scenario

Chlorinated Solvent	SGV (mg/kg)	S4UL^ (mg/kg)			C4SL (mg/kg)	GAC* (mg/kg)		
	6% SOM	1% SOM	2.5% SOM	6% SOM	6% SOM	1% SOM	2.5% SOM	6% SOM
Trichloroethene (TCE)	-	0.041	0.091	0.21	-	-	-	-
Tetrachloroethene (PCE)	-	0.65	1.5	3.6	-	-	-	-
Cis-1,2 Dichloroethene	-	-	-	-	-	0.26	0.5	1.0
Trans-1,2 Dichloroethene	-	-	-	-	-	0.93	1.9	4
Vinyl Chloride (aka chloroethene)	-	0.00055	0.001	0.0018	-	-	-	-

Commercial Scenario

Chlorinated Solvent	SGV (mg/kg)	S4UL^ (mg/kg)			C4SL (mg/kg)	GAC* (mg/kg)		
	6% SOM	1% SOM	2.5% SOM	6% SOM	6% SOM	1% SOM	2.5% SOM	6% SOM
Trichloroethene (TCE)	-	1.2	2.6	5.7	-	-	-	-

Human Health Criteria Assessment Values

Tetrachloroethene (PCE)	-	19	42	95	-	-	-	-
Cis-1,2 Dichloroethene	-	-	-	-	-	14	24	47
Trans-1,2 Dichloroethene	-	-	-	-	-	22	40	81
Vinyl Chloride (aka chloroethene)	-	0.059	0.077	0.12	-	-	-	-

Public Open Space – Residential (POS_{resi}) Scenario

Chlorinated Solvent	SGV (mg/kg)	S4UL [^] (mg/kg)				C4SL (mg/kg)	GAC* (mg/kg)		
	6% SOM	1% SOM	2.5% SOM	6% SOM	6% SOM	6% SOM	1% SOM	2.5% SOM	6% SOM
Trichloroethene (TCE)	-	120	120	120	-	-	-	-	-
Tetrachloroethene (PCE)	-	1,400	1,400	1,400	-	-	-	-	-
Cis-1,2 Dichloroethene	-	-	-	-	-	-	-	-	-
Trans-1,2 Dichloroethene	-	-	-	-	-	-	-	-	-
Vinyl Chloride (aka chloroethene)	-	3.5	3.5	3.5	-	-	-	-	-

Public Open Space – Park (POS_{park}) Scenario

Chlorinated Solvent	SGV (mg/kg)	S4UL [^] (mg/kg)				C4SL (mg/kg)	GAC* (mg/kg)		
	6% SOM	1% SOM	2.5% SOM	6% SOM	6% SOM	6% SOM	1% SOM	2.5% SOM	6% SOM
Trichloroethene (TCE)	-	70	91	120	-	-	-	-	-
Tetrachloroethene (PCE)	-	810 ^b (424)	1,100 ^b (951)	1,500	-	-	-	-	-
Cis-1,2 Dichloroethene	-	-	-	-	-	-	-	-	-
Trans-1,2 Dichloroethene	-	-	-	-	-	-	-	-	-
Vinyl Chloride (aka chloroethene)	-	4.8	5	5.4	-	-	-	-	-