

APPENDIX E

Contamination Test Results and Assessment Criteria



Certificate of Analysis

Certificate Number: 09-25697

Date: 25/02/2009

Client: Opus Joynes Pike
1 Lyme Drive
Parklands
Stoke-on-Trent
ST4 6NW

Our Reference: 09-25697

Client Reference: J-S0099

Contract Title: Sheffield Road, Penistone

Description: 6 soil samples

Date Received: 17/02/2009

Date Started: 17/02/2009

Date Completed: 25/02/2009

Test Procedures: Identified by prefix DETSn, details available upon request.

Notes: Observations and interpretations are outside the scope of UKAS accreditation
* denotes test not included in laboratory scope of accreditation
denotes test that holds MCERT accreditation
\$ denotes tests completed by an approved subcontractor
I/S denotes insufficient sample to carry out test
N/S denotes that the sample is not suitable for testing
DETSM denotes tests carried out by DETS Midlands laboratory
Solid samples will be disposed 1 month and liquids 2 weeks
after the date of issue of this test certificate
Asbestos subsamples will be kept for 6 months

Approved By:



Authorised Signatories: Mike Hopgood
Technical Manager

This certificate is issued in accordance with the accreditation requirements of the United Kingdom Accreditation Service. The results reported herein relate only to the material supplied to the laboratory. This certificate shall not be reproduced except in full, without the prior written approval of the laboratory.

Our Ref: 09-25697
Client Ref: J-S0099
Contract Title: Sheffield Road, Penistone

Sample Details

| <u>Sample ID</u> | <u>Number</u> | <u>Depth</u> | <u>DETS Ref</u> | <u>Matrix Description</u> | <u>Date Sampled</u> | <u>Time Sampled</u> | <u>Preservation</u> | <u>Analysis Complete</u> |
|------------------|---------------|--------------|-----------------|---|---------------------|---------------------|---------------------|--------------------------|
| WS1 | 13/02/2009 | 0.50-1.00 | 177801 | Firm brown gravelly sandy CLAY | 13/02/2009 | Not Provided | None | 26/02/2009 |
| WS3 | 13/02/2009 | 0.10-0.50 | 177802 | Soft dark brown gravelly sandy CLAY with odd rootlets | 13/02/2009 | Not Provided | None | 26/02/2009 |
| WS4 | 13/02/2009 | 0.10-0.50 | 177803 | Soft brown gravelly sandy CLAY | 13/02/2009 | Not Provided | None | 26/02/2009 |
| WS5 | 13/02/2009 | 0.50-1.00 | 177804 | Soft brown sandy very gravelly CLAY | 13/02/2009 | Not Provided | None | 26/02/2009 |
| WS6 | 13/02/2009 | 0.50-1.00 | 177805 | Soft brown gravelly sandy CLAY | 13/02/2009 | Not Provided | None | 26/02/2009 |
| WS7 | 13/02/2009 | 0.50-1.00 | 177806 | Soft brown sandy very gravelly CLAY with odd rootlets | 13/02/2009 | Not Provided | None | 26/02/2009 |

Summary of Chemical Analysis

Soil Samples

Our Ref: 09-25697

Client Ref: J-S0099

Contract Title: Sheffield Road, Penistone

| Lab No. | 177801 | 177802 | 177803 | 177804 | 177805 |
|-------------|------------|------------|------------|------------|------------|
| Sample Ref | WS1 | WS3 | WS4 | WS5 | WS6 |
| Depth | 0.50-1.00 | 0.10-0.50 | 0.10-0.50 | 0.50-1.00 | 0.50-1.00 |
| Other Ref | 13/02/2009 | 13/02/2009 | 13/02/2009 | 13/02/2009 | 13/02/2009 |
| Sample Type | | | | | |

| Test | Units | DETSxx | | | | | |
|---------------------------------|-------|-----------|-------|-------|-------|-------|-------|
| Arsenic | mg/kg | DETS 042# | 11 | 60 | 48 | 36 | 30 |
| Cadmium | mg/kg | DETS 042# | 0.9 | 2.9 | 1.8 | 1.6 | 1.4 |
| Chromium | mg/kg | DETS 042# | 28 | 50 | 39 | 57 | 35 |
| Copper | mg/kg | DETS 042# | 55 | 650 | 310 | 240 | 190 |
| Lead | mg/kg | DETS 042# | 31 | 140 | 140 | 74 | 85 |
| Mercury | mg/kg | DETS 081# | 0.06 | 0.1 | 0.2 | 0.1 | 0.08 |
| Nickel | mg/kg | DETS 042# | 24 | 98 | 53 | 53 | 41 |
| Selenium | mg/kg | DETS 042# | 0.7 | 0.6 | < 0.5 | 2.2 | 1.0 |
| Zinc | mg/kg | DETS 042# | 76 | 210 | 160 | 150 | 120 |
| Boron (water soluble) | mg/kg | DETS 020# | 0.3 | 0.5 | 0.3 | 0.6 | 1 |
| Cyanide total | mg/kg | DETS 067# | < 0.1 | < 0.1 | < 0.1 | < 0.1 | < 0.1 |
| Cyanide free | mg/kg | DETS 067# | < 0.1 | < 0.1 | < 0.1 | < 0.1 | < 0.1 |
| Organic matter | % | DETS 002# | 1.6 | 4.9 | 3.7 | 3.1 | 2.7 |
| Sulphide | mg/kg | DETS 024# | 33 | 15 | 37 | 54 | 54 |
| Total Sulphate as SO4 | % | DETS 075# | 0.03 | 0.07 | 0.05 | 0.1 | 0.12 |
| Sulphate Aqueous Extract as SO4 | mg/l | DETS 076# | 58 | 66 | 21 | 350 | 520 |
| Total Sulphur as S | % | DETS 064 | 0.02 | 0.08 | 0.03 | 0.09 | 0.08 |
| pH | | DETS 008# | 8.0 | 7.9 | 8.2 | 8.8 | 8.7 |
| Acenaphthene | mg/kg | DETS 050 | < 0.1 | 0.2 | 0.2 | < 0.1 | 0.2 |
| Acenaphthylene | mg/kg | DETS 050 | < 0.1 | 0.3 | 0.2 | < 0.1 | < 0.1 |
| Anthracene | mg/kg | DETS 050 | < 0.1 | 1.9 | 0.3 | 0.1 | < 0.1 |
| Benzo(a)anthracene | mg/kg | DETS 050 | < 0.1 | 1.9 | 0.7 | 0.7 | < 0.1 |
| Benzo(a)pyrene | mg/kg | DETS 050 | < 0.1 | 2.6 | 1.3 | 0.8 | 0.5 |
| Benzo(b)fluoranthene | mg/kg | DETS 050 | < 0.1 | 2.3 | 1.9 | 1.3 | 0.4 |
| Benzo(k)fluoranthene | mg/kg | DETS 050 | < 0.1 | 0.5 | 0.5 | 0.4 | < 0.1 |
| Benzo(g,h,i)perylene | mg/kg | DETS 050 | < 0.1 | 1.6 | 1.4 | 0.5 | 0.5 |
| Chrysene | mg/kg | DETS 050 | < 0.1 | 1.6 | 0.7 | 0.6 | < 0.1 |
| Dibenzo(a,h)anthracene | mg/kg | DETS 050 | < 0.1 | 0.4 | 0.2 | 0.6 | 0.2 |
| Fluoranthene | mg/kg | DETS 050 | < 0.1 | 5.8 | 1.4 | 1.5 | 0.8 |
| Fluorene | mg/kg | DETS 050 | < 0.1 | 0.6 | 0.3 | 0.1 | 0.1 |
| Indeno(1,2,3-c,d)pyrene | mg/kg | DETS 050 | < 0.1 | 1.4 | 0.4 | 0.8 | 0.5 |
| Naphthalene | mg/kg | DETS 050 | < 0.1 | < 0.1 | < 0.1 | < 0.1 | 0.1 |
| Phenanthrene | mg/kg | DETS 050 | < 0.1 | 5.8 | 0.7 | 0.7 | 0.4 |
| Pyrene | mg/kg | DETS 050 | < 0.1 | 4.1 | 1.3 | 1.0 | 0.6 |
| PAH | mg/kg | DETS 050 | < 1.6 | 31 | 12 | 9.2 | 4.2 |
| Phenol - Monohydric | mg/kg | DETS 067# | < 0.3 | < 0.3 | < 0.3 | < 0.3 | < 0.3 |

Summary of Chemical Analysis

Soil Samples

Our Ref: 09-25697

Client Ref: J-S0099

Contract Title: Sheffield Road, Penistone

Lab No. 177806

Sample Ref WS7

Depth 0.50-1.00

Other Ref 13/02/2009

Sample Type

| Test | Units | DETSxx | |
|---------------------------------|-------|-----------|-------|
| Arsenic | mg/kg | DETS 042# | 92 |
| Cadmium | mg/kg | DETS 042# | 2.1 |
| Chromium | mg/kg | DETS 042# | 28 |
| Copper | mg/kg | DETS 042# | 380 |
| Lead | mg/kg | DETS 042# | 100 |
| Mercury | mg/kg | DETS 081# | 0.13 |
| Nickel | mg/kg | DETS 042# | 46 |
| Selenium | mg/kg | DETS 042# | 5.0 |
| Zinc | mg/kg | DETS 042# | 160 |
| Boron (water soluble) | mg/kg | DETS 020# | 0.9 |
| Cyanide total | mg/kg | DETS 067# | < 0.1 |
| Cyanide free | mg/kg | DETS 067# | < 0.1 |
| Organic matter | % | DETS 002# | 4.5 |
| Sulphide | mg/kg | DETS 024# | 140 |
| Total Sulphate as SO4 | % | DETS 075# | 0.89 |
| Sulphate Aqueous Extract as SO4 | mg/l | DETS 076# | 1800 |
| Total Sulphur as S | % | DETS 064 | 0.58 |
| pH | | DETS 008# | 7.8 |
| Acenaphthene | mg/kg | DETS 050 | < 0.1 |
| Acenaphthylene | mg/kg | DETS 050 | 0.1 |
| Anthracene | mg/kg | DETS 050 | < 0.1 |
| Benzo(a)anthracene | mg/kg | DETS 050 | < 0.1 |
| Benzo(a)pyrene | mg/kg | DETS 050 | 0.4 |
| Benzo(b)fluoranthene | mg/kg | DETS 050 | 0.3 |
| Benzo(k)fluoranthene | mg/kg | DETS 050 | < 0.1 |
| Benzo(g,h,i)perylene | mg/kg | DETS 050 | < 0.1 |
| Chrysene | mg/kg | DETS 050 | < 0.1 |
| Dibenzo(a,h)anthracene | mg/kg | DETS 050 | 0.4 |
| Fluoranthene | mg/kg | DETS 050 | 0.4 |
| Fluorene | mg/kg | DETS 050 | 0.1 |
| Indeno(1,2,3-c,d)pyrene | mg/kg | DETS 050 | < 0.1 |
| Naphthalene | mg/kg | DETS 050 | 0.1 |
| Phenanthrene | mg/kg | DETS 050 | 0.2 |
| Pyrene | mg/kg | DETS 050 | < 0.1 |
| PAH | mg/kg | DETS 050 | 1.9 |
| Phenol - Monohydric | mg/kg | DETS 067# | < 0.3 |

Appendix A - Details of Analysis

Method details are shown only for those determinants listed in Annex A of the MCERTS standard. Anything not included on this list falls outside the scope of MCERTS.

No Recovery Factors are used in the determination of results. Results reported assume 100% recovery

Full method statements are available on request.

| <u>Method</u> | <u>Name of Parameter</u> | <u>Units</u> | <u>Limit of Detection</u> | <u>Sample Preparation</u> | <u>Sub-Contracted</u> | <u>UKAS</u> | <u>MCERTS</u> |
|---------------|--------------------------|--------------|---------------------------|---------------------------|-----------------------|-------------|---------------|
| DETS 002 | Organic Matter | % | 0.01 | Air Dried | No | Yes | Yes |
| DETS 003 | Loss on Ignition | % | 0.01 | Air Dried | No | Yes | Yes |
| DETS 004 | Total Sulphate | % | 0.01 | Air Dried | No | Yes | Yes |
| DETS 075 | Total Sulphate | % | 0.01 | Air Dried | No | Yes | Yes |
| DETS 004 | Water Soluble Sulphate | mg/l | 10.00 | Air Dried | No | Yes | Yes |
| DETS 076 | Water Soluble Sulphate | mg/l | 10.00 | Air Dried | No | Yes | Yes |
| DETS 006 | Chloride | mg/kg | 0.01 | Air Dried | No | Yes | Yes |
| DETS 008 | pH | pH Units | 0.10 | Air Dried | No | Yes | Yes |
| DETS 042 | Selenium | mg/kg | 0.50 | Air Dried | No | Yes | Yes |
| DETS 019 | Ammonia | mg/kg | 0.02 | Air Dried | No | Yes | Yes |
| DETS 020 | Boron (Water Soluble) | mg/kg | 0.20 | Air Dried | No | Yes | Yes |
| DETS 024 | Sulphide | mg/kg | 10.00 | Air Dried | No | Yes | Yes |
| DETS 042 | Antimony | mg/kg | 1.00 | Air Dried | No | No | No |
| DETS 042 | Arsenic | mg/kg | 0.20 | Air Dried | No | Yes | Yes |
| DETS 042 | Barium | mg/kg | 1.50 | Air Dried | No | Yes | Yes |
| DET S 042 | Beryllium | mg/kg | 0.20 | Air Dried | No | Yes | Yes |
| DETS 042 | Cadmium | mg/kg | 0.10 | Air Dried | No | Yes | Yes |

Appendix A - Details of Analysis

Method details are shown only for those determinants listed in Annex A of the MCERTS standard. Anything not included on this list falls outside the scope of MCERTS.

No Recovery Factors are used in the determination of results. Results reported assume 100% recovery

Full method statements are available on request.

| <u>Method</u> | <u>Name of Parameter</u> | <u>Units</u> | <u>Limit of Detection</u> | <u>Sample Preparation</u> | <u>Sub-Contracted</u> | <u>UKAS</u> | <u>MCERTS</u> |
|---------------|--------------------------|--------------|---------------------------|---------------------------|-----------------------|-------------|---------------|
| DETS 042 | Cobalt | mg/kg | 0.70 | Air Dried | No | Yes | Yes |
| DETS 042 | Copper | mg/kg | 0.20 | Air Dried | No | Yes | Yes |
| DETS 042 | Chromium | mg/kg | 0.15 | Air Dried | No | Yes | Yes |
| DETS 042 | Iron | mg/kg | 1.00 | Air Dried | No | Yes | No |
| DETS 042 | Lead | mg/kg | 0.30 | Air Dried | No | Yes | Yes |
| DETS 042 | Manganese | mg/kg | 20.00 | Air Dried | No | Yes | Yes |
| DETS 081 | Mercury | mg/kg | 0.05 | Air Dried | No | Yes | Yes |
| DETS 042 | Molybdenum | mg/kg | 0.40 | Air Dried | No | Yes | Yes |
| DETS 042 | Nickel | mg/kg | 0.20 | Air Dried | No | Yes | Yes |
| DETS 042 | Thallium | mg/kg | 1.00 | Air Dried | No | No | No |
| DETS 042 | Vanadium | mg/kg | 0.80 | Air Dried | No | Yes | Yes |
| DETS 042 | Zinc | mg/kg | 1.00 | Air Dried | No | Yes | Yes |
| DETS 049 | Sulphur (Free) | mg/kg | 0.50 | As Received | No | Yes | Yes |
| DETS 050 | PAH | mg/kg | 0.10 | As Received | No | Yes | No |
| DETS 051 | TPH (C10 - C40) | mg/kg | 20.00 | As Received | No | Yes | Yes |
| DETS 052 | PCB | mg/kg | 0.01 | As Received | No | Yes | Yes |

Appendix A - Details of Analysis

Method details are shown only for those determinants listed in Annex A of the MCERTS standard. Anything not included on this list falls outside the scope of MCERTS.

No Recovery Factors are used in the determination of results. Results reported assume 100% recovery

Full method statements are available on request.

| <u>Method</u> | <u>Name of Parameter</u> | <u>Units</u> | <u>Limit of Detection</u> | <u>Sample Preparation</u> | <u>Sub-Contracted</u> | <u>UKAS</u> | <u>MCERTS</u> |
|---------------|----------------------------|--------------|---------------------------|---------------------------|-----------------------|-------------|---------------|
| DETS 062 | Benzene | mg/kg | 0.01 | As Received | No | Yes | Yes |
| DETS 062 | Toluene | mg/kg | 0.01 | As Received | No | Yes | Yes |
| DETS 062 | Ethylbenzne | mg/kg | 0.01 | As Received | No | Yes | Yes |
| DETS 062 | Xylene | mg/kg | 0.01 | As Received | No | Yes | Yes |
| DETS 067 | Phenol - Monohydric | mg/kg | 0.3 | Air Dried | No | Yes | Yes |
| DETS 067 | Easily Liberatable Cyanide | mg/kg | 0.1 | Air Dried | No | Yes | Yes |
| DETS 067 | Complex Cyanide | mg/kg | 0.30 | Air Dried | No | Yes | No |
| DETS 067 | Total Cyanide | mg/kg | 0.40 | Air Dried | No | Yes | Yes |
| DETS 067 | Thiocyanate | mg/kg | 0.6 | Air Dried | No | Yes | Yes |
| DETS 068 | VOC | mg/kg | 0.01 | As Received | No | No | No |



| | |
|-------------------|---|
| Client/client ref | The Co-operative Group |
| Project ref | J-S0099.00 |
| Site ref | Sheffield Road, Penistone |
| Data description | Made Ground |
| Contaminant(s) | Arsenic & Chromium |
| Test scenario | Planning: is true mean lower than critical concentration ($\mu < C_c$)? ▼ |
| Date | 27 November 2012 |
| User details | SMD |

Statistics calculator (version 1)

Input data

This spreadsheet has been produced based on the document 'Guidance on Comparing Soil Contamination Data with a Critical Concentration (CIEH/CL:AIRE, 2008)'. Users of this spreadsheet should always refer to this guidance, the User Manual and to relevant guidance on UK legislation and policy, in order to understand how the procedure should be applied in an appropriate context.

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Client/client ref: The Co-operative Group
 Project ref: J-S0099.00
 Site ref: Sheffield Road, Penistone
 Data description: Made Ground
 Contaminant(s): Arsenic & Chromium
 Test scenario: Planning
 Date: 27 November 2012
 User details: SMD

| | Arsenic (mg/kg) | Chromium (mg/kg) | | | | | | | | | | | | |
|--|--|--|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| Critical concentration, C_c | 32 | 38 | | | | | | | | | | | | |
| Notes | OPUS IHSV (Residential With Homegrown Produce) | OPUS IHSV (Residential With Homegrown Produce) | | | | | | | | | | | | |
| Sample size, n | 6 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sample mean, \bar{x} | 46.1666667 | 39.5 | No Data | No Data | No Data | No Data | No Data | No Data | No Data | No Data | No Data | No Data | No Data | No Data |
| Standard deviation, s | 27.9171393 | 11.8448301 | | | | | | | | | | | | |
| Number of non-detects | 0 | 0 | | | | | | | | | | | | |
| Set non-detect values to: | Half detection limit | Half detection limit | Half detection limit | Half detection limit | Half detection limit | Half detection limit | Half detection limit | Half detection limit | Half detection limit | Half detection limit | Half detection limit | Half detection limit | Half detection limit | Half detection limit |
| Outliers? | No | No | | | | | | | | | | | | |
| Distribution | Normal | Normal | | | | | | | | | | | | |
| Statistical approach | Auto: One-sample t | Auto: One-sample t | Auto | Auto | Auto | Auto | Auto | Auto | Auto | Auto | Auto | Auto | Auto | Auto |

| | | | | | | | | | | | | | | |
|--|--|-------------------------------------|--|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| Test scenario: | Planning: is true mean lower than critical concentration ($\mu < C_c$) | Evidence level required: 95% | Use Normal distribution to test for outliers | | | | | | | | | | | |
| t statistic, t₀ (or k₀) | 1.243003601 | 0.310197325 | | | | | | | | | | | | |
| Upper confidence limit (on true mean concentration, μ) | 69.1324236 | 49.2440317 | | | | | | | | | | | | |
| Evidence level | 13% | 38% | | | | | | | | | | | | |
| Base decision on: | evidence level | evidence level | | | | | | | | | | | | |
| Result | $\mu \geq C_c$ | $\mu \geq C_c$ | | | | | | | | | | | | |
| Select dataset | <input checked="" type="radio"/> Y | <input type="radio"/> Y | <input type="radio"/> Y | <input type="radio"/> Y | <input type="radio"/> Y | <input type="radio"/> Y | <input type="radio"/> Y | <input type="radio"/> Y | <input type="radio"/> Y | <input type="radio"/> Y | <input type="radio"/> Y | <input type="radio"/> Y | <input type="radio"/> Y | <input type="radio"/> Y |



| | |
|-------------------|---|
| Client/client ref | The Co-operative Group |
| Project ref | J-S0099.00 |
| Site ref | Sheffield Road, Penistone |
| Data description | Made Ground |
| Contaminant(s) | Benzo(a)pyrene |
| Test scenario | Planning: is true mean lower than critical concentration ($\mu < C_c$)? |
| Date | 27 November 2012 |
| User details | SMD |

Statistics calculator (version 1)

Input data

This spreadsheet has been produced based on the document 'Guidance on Comparing Soil Contamination Data with a Critical Concentration (CIEH/CL:AIRE, 2008)'. Users of this spreadsheet should always refer to this guidance, the User Manual and to relevant guidance on UK legislation and policy, in order to understand how the procedure should be applied in an appropriate context.

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Client/client ref: The Co-operative Group
 Project ref: J-S0099.00
 Site ref: Sheffield Road, Penistone
 Data description: Made Ground
 Contaminant(s): Benzo(a)pyrene
 Test scenario: Planning
 Date: 27 November 2012
 User details: SMD

| | | | | | | | | | | | | | | |
|--|--|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| Benzo(a)pyrene (mg/kg) | | | | | | | | | | | | | | |
| Critical concentration, C_c | 0.96 | | | | | | | | | | | | | |
| Notes | OPUS IHSV (Residential With Homegrown Produce 3% SOM) | | | | | | | | | | | | | |
| Sample size, n | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sample mean, \bar{x} | 0.94166667 | No Data | No Data | No Data | No Data | No Data | No Data | No Data | No Data | No Data | No Data | No Data | No Data | No Data |
| Standard deviation, s | 0.91455818 | | | | | | | | | | | | | |
| Number of non-detects | 1 | | | | | | | | | | | | | |
| Set non-detect values to: | Half detection limit | Half detection limit | Half detection limit | Half detection limit | Half detection limit | Half detection limit | Half detection limit | Half detection limit | Half detection limit | Half detection limit | Half detection limit | Half detection limit | Half detection limit | Half detection limit |
| Outliers? | No | | | | | | | | | | | | | |
| Distribution | Normal | | | | | | | | | | | | | |
| Statistical approach | Auto: One-sample t | Auto | Auto | Auto | Auto | Auto | Auto | Auto | Auto | Auto | Auto | Auto | Auto | Auto |

| | | | | | | | | | | | | | | |
|--|--|---------------------------------|-------------------------|--|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| Test scenario: | Planning: is true mean lower than critical concentration ($\mu < C_c$) | Evidence level required: | 95% | Use Normal distribution to test for outliers | | | | | | | | | | |
| t statistic, t₀ (or k₀) | -0.049102739 | | | | | | | | | | | | | |
| Upper confidence limit (on true mean concentration, μ) | 1.69401886 | | | | | | | | | | | | | |
| Evidence level | 52% | | | | | | | | | | | | | |
| Base decision on: | evidence level | | | | | | | | | | | | | |
| Result | $\mu \approx C_c$ | | | | | | | | | | | | | |
| Select dataset | <input checked="" type="radio"/> Y | <input type="radio"/> Y | <input type="radio"/> Y | <input type="radio"/> Y | <input type="radio"/> Y | <input type="radio"/> Y | <input type="radio"/> Y | <input type="radio"/> Y | <input type="radio"/> Y | <input type="radio"/> Y | <input type="radio"/> Y | <input type="radio"/> Y | <input type="radio"/> Y | <input type="radio"/> Y |