



Dam Investigation Coordinates List - Lat Long

TP A6 - 29°46'14.12"S; 29°56'54.07"E
TP A7 - 29°46'16.7"S 29°56'57.26"E
TP A8 - 29°46'18.88"S 29°57'0.11"E
TP A9 - 29°46'22.2"S 29°56'52.2"E
TP A10 - 29°46'24.5"S 29°56'55.47"E
TP A11 - 29°46'21.93"S 29°56'52.66"E
TP A12 - 29°46'17.74"S 29°56'47.97"E
TP A13 - 29°46'19.19"S 29°56'45.19"E
TP A14 - 29°46'21.31"S 29°56'47.63"E
TP A15 - 29°46'24.54"S 29°56'50.26"E
TP A16 - 29°46'27.12"S 29°56'53.27"E
TP A17 - 29°46'26.8"S 29°56'43.62"E
TP A18 - 29°46'24.9"S 29°56'45.06"E
TP A19 - 29°46'21.04"S 29°56'39.81"E
TP A20 - 29°46'22.06"S 29°56'34.23"E
TP A21 - 29°46'24.96"S 29°56'36.87"E
TP A22 - 29°46'28.5"S 29°56'40.99"E
TP A23 - 29°46'31.76"S; 29°56'39.91"E
TP A25 - 29°46'11.81"S 29°56'59.34"E
TP A26 - 29°46'16.05"S 29°56'43.86"E
TP A27 - 29°46'17.14"S 29°56'40.52"E
TP C1 - 29°46'34.64"S 29°57'3.57"E
TP C2 - 29°46'30.84"S 29°56'59.89"E
TP C3 - 29°46'37.74"S 29°57'2.45"E
TP C4 - 29°46'39.58"S 29°56'54.24"E
TP C5 - 29°46'38.19"S 29°56'48.9"E
TP C6 - 29°46'32.14"S 29°56'46.28"E
TP B5 - 29°45'46.86"S 29°56'52.14"E
TP B6 - 29°45'40.69"S 29°56'51.71"E
TP B7 - 29°45'46.9"S 29°56'45.81"E
TP B8 - 29°45'47.59"S 29°56'39.87"E
TP B9 - 29°45'41.1"S 29°56'39.06"E
TP B10 - 29°45'40.83"S 29°56'31.61"E
TP B11 - 29°45'32.95"S 29°56'43.45"E
TP B12 - 29°45'35.03"S 29°56'26.35"E
TP B13 - 29°45'30.1"S 29°56'34.49"E

Dam Investigation Coordinates List - WGS84

TP A6 - Y - -91715 X - 3295060
TP A7 - Y - -91800 X - 3295140
TP A8 - Y - -91876 X - 3295208
TP A9 - Y - -91820 X - 3295290
TP A10 - Y - -91750 X - 3295380
TP A11 - Y - -91675 X - 3295300
TP A12 - Y - -91550 X - 3295170
TP A13 - Y - -91475 X - 3295214
TP A14 - Y - -91540 X - 3295280
TP A15 - Y - -91610 X - 3295380
TP A16 - Y - -91648 X - 3295443
TP A17 - Y - -91431 X - 3295448
TP A18 - Y - -91470 X - 3295390
TP A19 - Y - -91330 X - 3295270
TP A20 - Y - -91180 X - 3295300
TP A21 - Y - -91250 X - 3295390
TP A22 - Y - -91360 X - 3295500
TP A23 - Y - -91330 X - 3295600
TP A25 - Y - -91857 X - 3294900
TP A26 - Y - -91440 X - 3295117
TP A27 - Y - -91350 X - 3295150
TP C1 - Y - -91965 X - 3295694
TP C2 - Y - -91867 X - 3295576
TP C3 - Y - -91934 X - 3295789
TP C4 - Y - -91713 X - 3295844
TP C5 - Y - -91570 X - 3295800
TP C6 - Y - -91501 X - 3295613
TP B5 - Y - -91670 X - 3294220
TP B6 - Y - -91660 X - 3294030
TP B7 - Y - -91500 X - 3294220
TP B8 - Y - -91340 X - 3294240
TP B9 - Y - -91320 X - 3294040
TP B10 - Y - -91320 X - 3294030
TP B11 - Y - -91440 X - 3293790
TP B12 - Y - -90980 X - 3293850
TP B13 - Y - -91200 X - 3293700

Inlet Portal Coordinates List - Lat Long

TP1 - 29°45'51.94"S 29°56'58.78"E
TP2 - 29°45'52.37"S 29°56'57.26"E
TP3 - 29°45'54.14"S 29°56'59.32"E
TP4 - 29°45'54.33"S 29°57'0.85"E
TP5 - 29°45'52.83"S 29°57'1.42"E

Project Name :  
**uMkhomazi Water Project Phase 1: Module 1:  
 Technical Feasibility Study: Raw Water (uMWP1-1/RW)  
 Smithfield Dam - Test pit positions**

**Legend**

- Contours
- ▭ Proposed Dams
- Main Rivers
- Test Pit Positions
- ▭ Districts\_2012

**FIGURE 2**

Drawn: LC Gallagher  
 Checked: A Combrinck  
 Date: 2013-04-11  
 Map Ref: P:\GIS\Water\uMkhomazi\_WG29.map  
 View Ref: Smithfield - Test pit positions  
 Project No: J01763