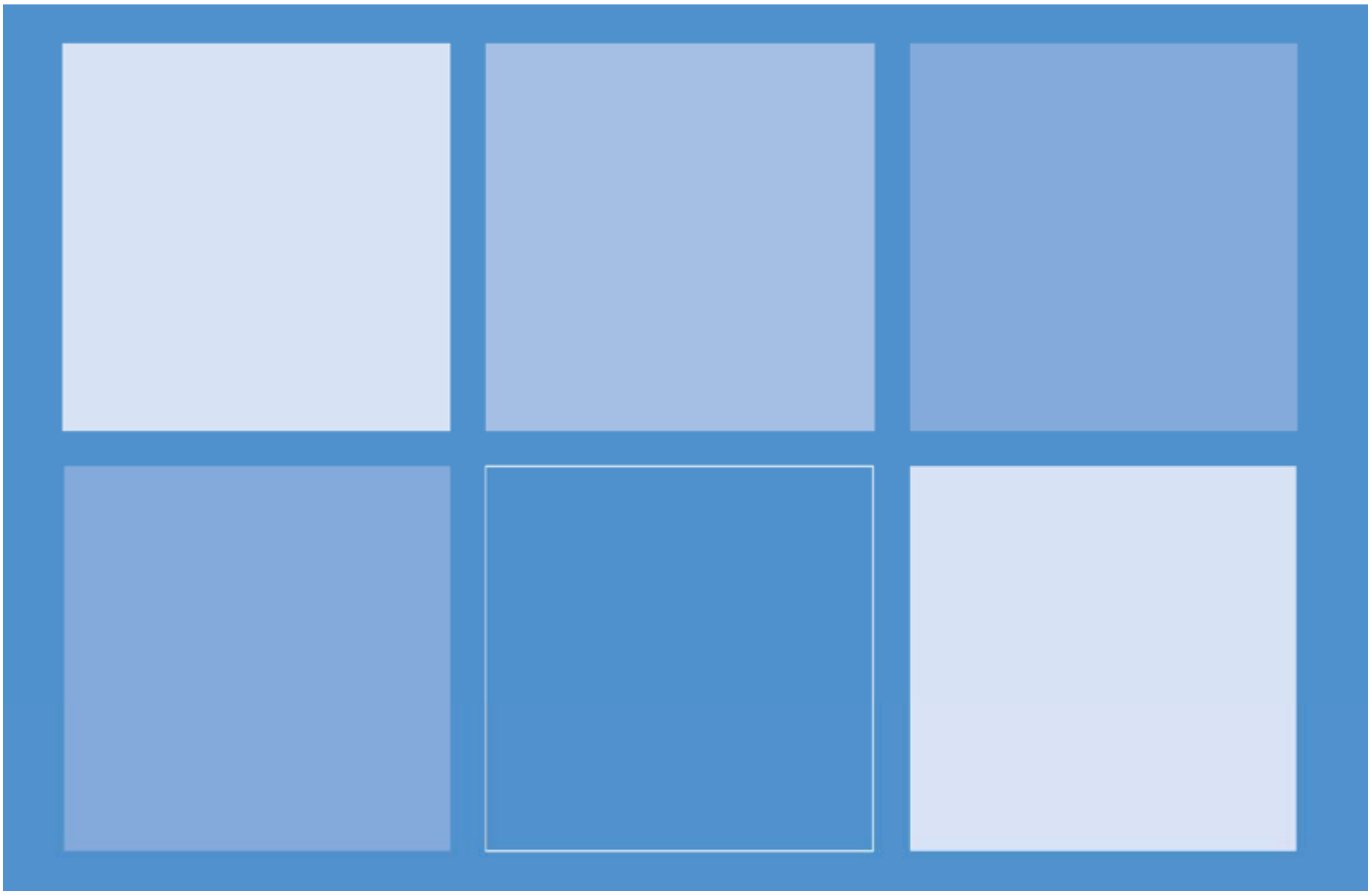
RPS

Controlled Waters Risk Assessment

Project Mensa Development, AWE Burghfield

AWE plc



This document is Printed on FSC certified, 100% post-consumer recycled paper, bleached using an elemental chlorine- free process.

Quality Management

Prepared by:	Liz Willmott	
Authorised by:	Richard Graham	
Date:	July 2009	
Revision:	Rev 0	
Project Number:	JER3996	
Document Reference:	JER3996 R 090724 LW GW_RA Final	
Document File Path:	T:\AWE\JER3996 AWE (B) Mensa Remediation Works\Reports\11. Biocides QRA\JER3996 R 090724 LW GW_RA Final.doc	

This report has been produced by RPS within the terms of the contract with the client and taking account of the resources devoted to it by agreement with the client.

We disclaim any responsibility to the client and others in respect of any matters outside the scope of the above.

This report is confidential to the client and we accept no responsibility of whatsoever nature to third parties to whom this report, or any part thereof, is made known. Any such party relies on the report at their own risk

RPS Planning and Development Ltd. Registered in England No. 02947164
Centurion Court, 85 Milton Park, Abingdon, Oxfordshire, OX14 4RYA Member of the RPS Group Plc

RPS Planning & Development Ltd
Conrad House
Beaufort Square
Chepstow
Monmouthshire
NP16 5EP
T: +44 (0) 1291 621821
F: +44 (0) 1291 627827
E: rpssw@rpsgroup.com
W: www.rpsgroup.com

ISO 14001
EMS 70824
FS 32940

Executive Summary

Concentrations of the biocides gamma-HCH and pp-DDT above the laboratory limit of detection have been observed in two monitoring rounds on AWE (B). They have occurred in three shallow boreholes (upper London Clay) and seven deep boreholes (basal London Clay and upper Reading Beds). The primary observation of both gamma-HCH and pp-DDT occurred on a single occasion within a wider monitoring programme.

For the purposes of this assessment, it has been assumed that there is a theoretical possibility that these contaminants could migrate from the shallow groundwater through the London Clay and reach the deeper aquifer of the Reading Beds. This is because there is likely to be some vertical movement of groundwater from the upper water table to the deeper aquifer via more permeable bands in the London Clay.

Given that biocide impacts have also been detected within the deeper aquifer, a horizontal pathway along the natural gradient monitored within the Reading Beds has also been considered to allow migration to the AWE (B) southern site boundary.

A ConSim model has been constructed which simulates the movement of contaminants from the shallow subsurface to the top of the Reading Beds via a saturated vertical pathway. Site specific data has been used to construct the model where possible and literature sources have otherwise been consulted to obtain model input parameters. Results from the model show that there is no breakthrough of either contaminant at any of the compliance points as a result of a theoretical maximum concentration source within either the shallow or deep aquifers.

The ConSim assessment suggests the contamination of the deeper aquifer by the modelled biocides residing in shallow groundwater is very unlikely. The principal reasons are the presence of intervening clayey deposits and the very low environmental mobility of the contaminants assessed.

The ConSim assessment also suggests that contamination of the Reading Beds by the identified biocides is very unlikely to impact either the groundwater abstraction or groundwater quality at the down gradient site boundary.

Contents

Quality Management i

Executive Summary ii

Contents iii

1 Introduction 1

1.1 Background 1

1.2 Key Objectives 1

1.3 Report Structure 1

2 Site Setting 2

2.1 Site Location 2

2.1.1 AWE Burghfield Location and Description 2

2.1.2 Mensa Development Area Description 2

2.2 Geology 3

2.3 Hydrogeology 3

2.4 Hydrology 4

3 Groundwater Risk Assessment 5

3.1 Introduction 5

3.2 Contaminants of Concern 5

3.3 Contaminant Properties 5

3.4 Evidence of Contaminants 6

3.4.1 Potential Sources of Biocide Contamination 6

3.5 Historic Evidence of Contamination 6

3.5.1 Shallow Aquifer 7

3.5.2 Deep Aquifer 8

3.6 Risk Assessment Methodology 9

3.6.1 Determination of Unacceptable Risk 11

3.7 General Approach to Modelling the Site 11

3.8 Model Parameterisation 11

3.8.1 Source Areas and Contaminant Specific Parameters 12

3.8.2 Unsaturated Pathway 13

3.8.3 Aquifer Pathway Properties 15

3.8.4 Receptors 16

4 Results 17

4.1 Reporting of Results 17

4.2 Model Results 17

5 Discussion and Conclusions 18

References 21

Glossary 22

Tables

Table 2.1 General Geological Sequence 3

Table 3.1 Occurrences of γ-HCH concentrations above the LOD in the shallow aquifer 7

Table 3.2 Occurrences of pp-DDT concentrations above the LOD in the shallow aquifer 7

Table 3.3 Occurrences of γ-HCH concentrations above the LOD in the deep aquifer 8

Table 3.4 Occurrences of pp-DDT concentrations above the LOD in the deep aquifer 8

Table 3.5 Principal Contaminants of Concern 12

Table 3.6 Physical and Chemical Parameters for Contaminants 13

Table 3.7 Source Area Characteristics 13

Table 3.8 Unsaturated Pathway Properties 14

Table 3.9 Literature sources of biodegradation half lives in groundwater 15

Table 3.10 Aquifer pathway properties 15

Table 4.1 ConSim Quantitative Risk Assessment Results 17

Drawings

JER3996-004a	**Site Map Indicating Groundwater Source Protection Zones and AWE Water Monitoring Locations**
JER3996-009	**Groundwater Assurance Monitoring Wells and Surface Water Monitoring Points**
JER3996-BIO-001	**Detected Concentrations of gamma-HCH at AWE Burghfield**
JER3996-BIO-002	**Detected Concentrations of pp-DDT at AWE Burghfield**

Appendices

Appendix A ConSim model inputs, results sheets and models

1 Introduction

1.1 Background

RPS Planning and Development (RPS) have been commissioned to undertake a Controlled Waters Quantitative Risk Assessment (QRA) for AWE plc to discharge Planning Condition 15 of the Project Mensa Development scheme at AWE Burghfield. The controlled waters QRA is required as biocides have been detected in a number of boreholes within shallow and deep groundwater and also in soils found at AWE Burghfield (hereafter referred to as 'the Site').

1.2 Key Objectives

The principal objectives of this document are as follows:

- Determine the nature and extent of biocides within groundwater;
- To provide details and justification for input parameters used within the QRA;
- To determine the significance of groundwater contamination identified on the site in terms of the risk to groundwater dependent controlled waters; and
- To aid the understanding of any remediation and/or management practices that may be required for the Site.

1.3 Report Structure

The remainder of the report is structured as follows:

Section 2: *Site Setting;*

Section 3: *Groundwater Risk Assessment;*

Section 4: *Results; and*

Section 5: *Discussion and Conclusions.*

2 Site Setting

2.1 Site Location

2.1.1 AWE Burghfield Location and Description

AWE Burghfield (AWE (B)) is located approximately 0.5 km east of Burghfield village and 6km to the south-west of Reading. The National Grid Reference for the site centre is approximately SU 680 680. AWE Burghfield is around 264 acres in size and roughly rectangular in shape. The topography is relatively flat with a general slope from south (46.5 mAOD) to north (42.5 mAOD).

AWE (B) is operated by AWE plc primarily to assemble and disassemble warheads to maintain the UK nuclear weapons deterrent. Consequently, some areas of AWE (B) are nuclear licensed.

Access to AWE (B) is from the north-west, via a road called 'The Mearings'. AWE (B) is surrounded by a high security fence and is subject to strict security controls. The eastern, southern and western edges of AWE (B) are bounded by roads.

A small stream, Burghfield Brook, flows along the southern and eastern edges of AWE (B).

2.1.2 Mensa Development Area Description

The Project Mensa Development covers approximately 21 hectares and the bulk of the area is situated in the centre of AWE Burghfield and will support the continuation of the UK nuclear weapons capability. Currently the area is undergoing significant earthworks and re-profiling in advance of the main construction phase of Project Mensa.

The Project Mensa Development also includes areas at the Main Gate to the northwest of the site, Pingewood Gate to the north east of the site, and access roads linking these areas. The central portion of the Mensa development, in which the main buildings will be located, has recently been determined a nuclear licensed site.

2.2 Geology

The British Geological Survey (BGS) 1:50,000 Sheet 268 geological map and 1:10,000 SU 66 NE geological map indicates that the site is underlain by the sequence presented in *Table 2.1*.

Table 2.1 General Geological Sequence

Soil Type	Description	Likely Thickness
London Clay	Stiff grey clays overlying beds of silty sands, clayey sands, clays and sandy clays.	10 - 13m
Reading Beds	Grey and brown sands and sandy clays.	18 - 27m
Upper Chalk	Soft white nodular chalk with flint seams.	90 - 130m

Overlying the London Clay is a layer of Made Ground which generally comprises re-worked natural clay soils with rare brick and gravel with a thickness of 2 to 4 metres (*Ref. 2*). Within the Made Ground are rare non-putrescible materials, ash and clinker, metal, plastic, asbestos and rare drums and tins.

Up to 3 m of alluvial deposits are found along the former course of the Burghfield Brook consisting of silts, sands and clays.

2.3 Hydrogeology

AWE (B) is known to be underlain by two water tables:

1. A shallow groundwater table is present within the weathered upper layer of the London Clay; and

2. A deep aquifer associated with the basal beds of the London Clay and the Reading Beds, typically encountered at 10 - 12 mbGL.

It is considered that the London Clay will act as an aquitard between Made Ground and drift deposits and the deeper aquifer of the Reading Beds/ Upper Chalk. There is likely to be some vertical movement of groundwater from the upper table to the lower within more permeable bands of the London Clay. Therefore it is considered that the London Clay should not be regarded as an aquiclude (i.e. the London Clay does not preclude, but retards groundwater movement between the upper and lower water tables).

The underlying Reading Bed Formation is described by the Environment Agency (EA) as a single groundwater unit known as the 'Basal Sands' aquifer, which is in hydraulic continuity with the Chalk beneath (Environment Agency 'The Physical Properties of Minor Aquifers in England and Wales', 2000) (*Ref. 1*). The Reading Bed Formation is defined as a minor aquifer. It is considered that the lower groundwater table identified in the previous investigations (*Ref. 2*) is the 'Basal Sands' aquifer.

The Chalk is classified as a major aquifer and based on the published data and borehole logs from the BGS; the top of the Chalk is between 6 – 15 mAOD (27.5 – 40.5 mbGL). The groundwater within the Chalk is under artesian pressure and the piezometric surface is at approximately 30 – 35 mAOD. The 1:100,000 Hydrogeological Map Sheet 7 of South West Chilterns, Berkshire and Marlborough Downs indicate that the regional groundwater flow at the site is south-south east towards the River Loddon.

Previous RPS reports (*Ref. 2*) have identified a generalised groundwater flow within the shallow aquifer to the northeast across AWE (B). However, this is highly variable and dependent on local conditions. Within the deep aquifer groundwater has been identified as flowing southwards.

2.4 Hydrology

The Burghfield Brook flows onto AWE (B) in the south west corner and leaves in the middle of the eastern boundary. The original route of the Burghfield Brook ran from the south through the centre of AWE (B) and then eastwards leaving the site midway along the eastern boundary. It is understood that the Burghfield Brook was re-directed in the 1940s during works to construct the Royal Ordnance Factory (ROF) and the existing facility. The brook now flows close to the southern and eastern boundaries of AWE Burghfield in a man made channel. The original route of this watercourse has been infilled. The current and previous route of the Burghfield Brook is shown on *Drawing JER3996-004a*.

There are no other significant surface water features on AWE (B), although an unnamed stream lies 200 m to the north of the facility which is a tributary of the Foundry Brook.

3 Groundwater Risk Assessment

3.1 Introduction

A previous controlled water risk assessment (*Ref. 2*) identified concentrations of Lindane (γ-HCH) and associated compounds (α-HCH and β-HCH) within the shallow and deeper aquifers across the site. Other elevated concentrations of biocides comprise a number of pesticides (including pp-DDT and pp-DDD) and fungicides (including chlorothalonil and tecnazene).

There is a possibility of hydraulic continuity between the deep aquifer within the Reading Beds and the shallow aquifer within the London Clay. If this is the case then there is the potential for biocide contamination to be transported between the two aquifers. Hydraulic continuity has also been suggested between the Chalk and the overlying Reading Beds as stated in the above mentioned report, indicating a potential contamination pathway.

3.2 Contaminants of Concern

The principal contaminants of concern (COC) to be assessed in this QRA are:

- Gamma-hexachlorocyclohexane (γ-HCH): the pesticide lindane describes products that contain >99 % γ-HCH. The α-, β- and δ-isomers, as well as technical-grade HCH, are not synonymous with γ-HCH.
- pp-DDT: this was produced and used for its insecticidal properties. Technical grade DDT, the grade that was generally used as an insecticide, was composed of up to fourteen chemical compounds. The active ingredient, pp-DDT, comprised 65 – 80 % of the total.

3.3 Contaminant Properties

The physical properties of both lindane and pp-DDT (high sorption coefficients and degradation half lives) result in their long term persistence in the environment. Both contaminants have a strong affinity to soils particularly where organic carbon is present. Migration within the environment beyond the soil zone is typically where infiltration rates are high and in the absence of organic matter.

Lindane's moderate aqueous solubility of 7.3 mg/L (*Ref. 3*) results in a greater mobility than that of pp-DDT that has negligible solubility in water. A solubility limit of 1 mg/l is assumed to be highly conservative for pp-DDT.

Consequently, it will be expected that migration of these substances is very slow through soils and underlying geological strata except where preferential pathways may exist. Detections of these compounds in the deeper aquifer are therefore highly unlikely to be from recent shallow use within the site except where preferential vertical pathways exist, e.g. deep soakaways or poorly constructed boreholes permitting more rapid vertical migration.

3.4 Evidence of Contaminants

3.4.1 Potential Sources of Biocide Contamination

Both DDT and lindane were first made commercially available as an agricultural insecticide after WWII. Prior to the site's development in 1941 as a Royal Ordnance Factory (ROF), the site was in agricultural use.

The land surrounding the site has remained broadly agricultural to the present day. Use of DDT and lindane as agricultural insecticides can therefore plausibly be expected to have been in use both outside of and within the footprint of the current AWE Burghfield site since the 1940s.

Since the development of ROF Burghfield and more recently AWE Burghfield, there is a less likely historical need for insecticide usage, although their use on site can not be entirely ruled out. No documented use of insecticides has been reported at the site.

Agricultural use of DDT was banned within the United Kingdom in 1984. Lindane was banned by the European Commission in 2000 which came into effect in the UK by the end of 2001. This ban covers all agricultural uses of lindane.

3.5 Historic Evidence of Contamination

Monitoring of biocide concentrations across the site has taken place since 2003. A previous RPS report (*Ref. 2*) concluded that the concentrations of biocides in groundwater appear to be transitory across the site. This was primarily due to the majority of detections in both the shallow and deep aquifers of biocides occurring concurrently on a single occasion (September 2005) during three consecutive monthly

monitoring rounds undertaken between August and October 2005. Significantly, no detections were observed above the limit of detection (LOD) in either the preceding or following monitoring rounds.

A comparatively minor detection of lindane within a single borehole (BH205S) was observed in May 2006.

Two rounds of baseline groundwater monitoring have recently been undertaken on the site, surrounding the Mensa main construction enclave, including the boreholes where these detections were previously noted (where original boreholes were unavoidably lost during construction enabling works, nearby identically-constructed replacement boreholes were drilled, developed, purged and monitored). However no biocide concentrations were identified in groundwater above the LOD.

3.5.1 Shallow Aquifer

Historical data gathered across the site shows that γ-HCH has been tested for in sixty boreholes screened in the shallow aquifer (London Clay). Screening of the data shows that only three exceedances over the LOD have occurred as summarised in *Table 3.1.*

Table 3.1 Occurrences of γ-HCH concentrations above the LOD in the shallow aquifer

Borehole ID	Date of sampling	Concentration (ug/l)
BH2A005S*	September 2005	44.196
BH2A007S	September 2005	4.256
BH205S	May 2006	0.039

* borehole replaced in 2009.

Historical data shows that pp-DDT has been monitored in 54 boreholes screened in the shallow aquifer. The data shows that only three exceedances over the laboratory LOD have occurred as summarised in *Table 3.2.*

Table 3.2 Occurrences of pp-DDT concentrations above the LOD in the shallow aquifer

Borehole ID	Date of sampling	Concentration (ug/l)
BH2A005S*	September 2005	26.467
BH2A007S	September 2005	0.298
BH205S	May 2006	0.048

* borehole replaced in 2009.

It is noteworthy that both compounds were detected in the same boreholes and during the same monitoring round. No other detections have been recorded.

Borehole BH2A005S listed in both *Table 3.1* and *Table 3.2* has been lost at the site since 2005. It has been replaced with a new borehole BHMA-005. This borehole is shown on *Drawing JER3996-009.*

Two rounds of biocide monitoring have been undertaken within the replacement borehole. No further detections of biocides were observed.

3.5.2 Deep Aquifer

Historical data gathered across the site shows that γ-HCH has been tested for in sixty eight boreholes screened in the deeper aquifer (Reading Beds). Screening of the data shows that only six exceedances of the LOD have occurred as summarised in *Table 3.3.*

Table 3.3 Occurrences of γ-HCH concentrations above the LOD in the deep aquifer

Borehole ID	Date of sampling	Concentration (ug/l)
BH2A002D*	September 2005	22.965
BH2A010D(G)*	September 2005	11.817
BH2A023D	September 2005	8.396
BH2A022D	September 2005	0.341
BH2A012D(G)*	September 2005	0.181
BH2A024D(G)	September 2005	0.177

* boreholes replaced in 2009.

Historical data shows that pp-DDT has been monitored in 67 boreholes screened in the deep aquifer. The data shows that only seven exceedances over the laboratory LOD have occurred as summarised in *Table 3.4*.

Table 3.4 Occurrences of pp-DDT concentrations above the LOD in the deep aquifer

Borehole ID	Date of sampling	Concentration (ug/l)
BH2A002D*	September 2005	13.594
BH2A023D	September 2005	2.407
BH2A010D(G)*	September 2005	1.717
BH2A022D	September 2005	0.290
BH2A024D(G)	September 2005	0.204
BH2A012D(G)*	September 2005	0.196
BH2A008D(G)	September 2005	0.042

* boreholes replaced in 2009.

Again, it is noteworthy that both compounds were detected in the same boreholes and during the same monitoring round. Two additional monitoring rounds were undertaken in 2005 from the same boreholes in August and October, preceding and following the above September monitoring round. No biocides were recorded during these rounds.

The above boreholes have been lost at the site since 2005, due to construction activities. As part of the Mensa groundwater assurance monitoring undertaken at the site a number of the biocide-impacted boreholes were replaced, in order to permit continuing delineation of potential biocide contamination of groundwater. Three boreholes (BH2A002D, BH2A012D(G) and BH2A010D(G)) have been replaced with new boreholes (BHMA-009, BHMA-002 and BHMA-003 respectively). These boreholes are shown on *Drawing JER3996-009.*

Two rounds of biocide monitoring have been undertaken within the replacement boreholes. No further detections of biocides were observed.

Drawing JER3996-BIO-001 shows the distribution of all detected concentrations of gamma-HCH observed during monitoring rounds in both the shallow and deep aquifers.

Drawing JER3996-BIO-002 shows the distribution of all detected concentrations of pp-DDT observed during monitoring rounds in both the shallow and deep aquifers.

3.6 Risk Assessment Methodology

The package used to undertake this quantitative controlled water risk assessment is:

- ConSim version 2.02, Environment Agency, 2003 (*Ref. 3*).

ConSim is a probabilistic model (utilising the Monte Carlo probabilistic simulation technique), which selects randomly from a pre-defined range of input values to create parameters for use in the analytical model calculations. When a range of values was recorded at the Site for a particular input parameter, these were input to the model as appropriate to represent the measured variability of the site conditions recorded.

The model is repeated many times (typically 1001 iterations) to produce a range of output values, the distribution of which reflects the uncertainty inherent in the input values, and enables the user to ascertain the likelihood of the estimated output values being achieved. The receptor breakthrough concentration reported from the model is the 95-percentile (95%ile) value. This is the maximum theoretical receptor breakthrough concentration that was calculated in 95% of all model runs. The 95%ile concentration is

adopted by the Environment Agency as representing the 'worst case' outcome from a probabilistic based risk model.

Contaminant 95%ile concentration probability statistics were calculated at the source, base of unsaturated zone after 1, 10, 100, 500, 1000, 2500, 5000, 7500 and 10,000 years referred to as time slices within ConSim. In this way, contaminant breakthrough characteristics at each stage of the pathway can be assessed and displayed graphically.

ConSim modelling follows a tiered approach, based on that outlined in Environment Agency R&D Publication 20 (*EA, 1999).* Within ConSim these tiers are termed "levels". At each stage the calculated contaminant concentrations may be compared with appropriate water quality standards. A summary of the assessment undertaken at each tier follows:

- Level 1 – This is an assessment of porewater concentrations within a contaminated soil source. Porewater concentrations are compared directly with an environmental standard (EQS etc.). A porewater concentration can be either the result of a leachate test on a contaminated soil sample, or can be determined using partitioning calculations from a soil concentration. No dilution or attenuation is considered at Level 1.
- Level 2 – Attenuation of porewater concentrations (determined at Level 1) in the unsaturated zone and dilution in the underlying aquifer are considered at Level 2.
- Level 3 – In addition to the processes considered at Levels 1 and 2 degradation, retardation and dispersion in the aquifer are considered at Level 3. Thus the impact of an unsaturated zone soil source on a groundwater receptor is considered.
- Level 3a – Degradation, retardation and dispersion of a groundwater contaminant source, between the source and a receptor, is considered. Level 3a, is therefore independent of Levels 1 and 2 as groundwater concentrations at the source are considered directly.

A Level 2 risk assessment has been undertaken to assess the impact on the deeper aquifer resulting from shallow groundwater contamination underlying the site.

A Level 3a risk assessment has been undertaken to assess the impact on deeper groundwater at the site boundary and AWE (B) abstraction resulting from deep groundwater contamination underlying the site.

3.6.1 Determination of Unacceptable Risk

The principle of the groundwater risk assessment is to compare a measured or modelled contaminant concentration against a target concentration or 'assessment criterion'. This comparison is undertaken at a particular location known as the compliance point. The objective is to determine whether a source concentration or calculated down-gradient concentration is acceptable, with respect to the selected assessment criterion.

As both γ-HCH and pp-DDT are List I substances the principal assessment criteria used in this QRA the lower of their respective Minimum Reporting Values (MRVs) and Drinking Water Standards (DWS) where available.

3.7 General Approach to Modelling the Site

The modelling approach shall consider the following:

- The groundwater in the shallow aquifer will be considered as a source leachate;
- 25m x 25m source areas will be delineated around boreholes where concentrations of γ-HCH and pp-DDT were historically detected above LOD;
- A vertical pathway modelled through the London Clay to assess likely impacts of shallow groundwater at the top of the Reading Beds represented by the 'unsaturated' pathway within ConSim;
- A horizontal pathway model through the Reading Beds to assess the likelihood of impact at the site boundary and to the site's major aquifer groundwater abstraction from historically observed biocide contamination in deep groundwater, as represented by the 'aquifer' pathway within ConSim;
- Model a non-declining source within groundwater; and
- Assess impacts for a total of 10,000 years.

3.8 Model Parameterisation

A controlled waters risk assessment using ConSim or any other mass transport model, use a variety of physical and chemical input parameters. Where possible input parameters used in any assessment are based on site-specific data. Where there is no site specific data the following sources have been used:

- ConSim Version 2.02 User Manual (*EA, 2003*); and
- The Risk Assessment Information System (RAIS).

The principal components of the ConSim model include:

- Source Term Parameters;
- Unsaturated pathway parameters;
- Aquifer pathway parameters; and
- Receptor locations.

3.8.1 Source Areas and Contaminant Specific Parameters

Shallow aquifer

Three shallow boreholes in the Site have observed discernable concentrations of γ-HCH and pp-DDT. The location of these boreholes are used to delineate the source areas used within the ConSim model, therefore a 25 x 25 metre square was placed around each of the boreholes. These dimensions are considered representative of the likely extent of groundwater impact based on the proximity of neighbouring boreholes that have not historically shown to be impacted by biocides.

Each of the three sources are modelled with the same set of parameters and are grouped together and known as 'the source' hereafter. *Table 3.5* shows the two principal contaminants of concern that are included within the model and their assessment criteria based on the MRV (*Ref. 4*) for pp-DDT and the Drinking Water Standard for lindane, which is an order of magnitude lower than the MRV.

To remain as conservative as possible and in the absence of any direct source of observed contaminants within shallow groundwater, it has been assumed that both contaminants of concern exist at their respective limit of aqueous solubilities as shown in *Table 3.5.*

Table 3.5 Principal Contaminants of Concern

Contaminant of Concern	Concentration Range (mg/l)	Locations	Input Value to model (mg/l)	Assessment Criteria (mg/l)
γ-HCH	< LOD – 0.044	BH2A005S	7.3	0.0001 (DWS)
pp-DDT	< LOD – 0.0265	BH2A005S	1	0.000002 (MRV)

The source is modelled as a constant source term as little confidence can be attributed to simulating a declining source for highly persistent biocides and in the absence of definitive sources. Although no strong evidence has been acquired from site monitoring of either soils or groundwater that a steady state source of biocides is present, a non declining source term is considered highly conservative for the calculation of potential impacts to groundwater.

The source is modelled as having a thickness of 2 to 4 metres. This is a conservative estimate of the thickness of Made Ground at the site.

Contaminant specific parameters used in the QRA are summarised in *Table 3.6.*

Table 3.6 Physical and Chemical Parameters for Contaminants

Contaminant of Concern	$^{A}K_{oc}$ (ml/g), (*Input value as ^{B}pdf*)	Comment
γ-HCH	3380, 28900 *(Log Uniform Value)*	Values taken from RAIS (*Ref.7*) and ConSim User Manual (*Ref.3*)
pp-DDT	220000, 239880 (*Uniform Value*)	Values taken from RAIS (*Ref.7*) and ConSim User Manual (*Ref.3*)

A: K_{oc} – Organic Carbon Partition Coefficient

B: pdf - Probability Density Function

The source area parameters for the model are described in *Table 3.7.*

Table 3.7 Source Area Characteristics

Source Area	Approximate Source Area Dimensions (m)		
	Length	Width	Depth (pdf)
Source Area	25	25	2 -4 (*Uniform)*

3.8.2 Unsaturated Pathway

The values selected, and the justification for these values, are summarised in *Table 3.8*. Most of the parameters are taken from site specific data comprising the London Clay.

To represent the possibility of a preferential vertical pathway at the site, a soakaway of nominal depth of 4 metres has been conceptualised by reducing the thickness of the unsaturated pathway.

ConSim models the unsaturated pathway with a vertical hydraulic gradient of unity. This is also more conservative than the measured vertical gradient at the site between the shallow and deep groundwater bodies, separated by at least 10 metres. The difference in hydraulic head between these units is less than 10 metres (*Ref. 2*). This is considered a conservative approach and considered representative of a theoretical deep soakaway where groundwater elevation of the deeper aquifer would rise in response to direct recharge and lowering the head difference over the vertical pathway.

Table 3.8 Unsaturated Pathway Properties

Property	Units	PDF	Minimum Value	Most Likely Value	Maximum Value	Source
Infiltration	mm	Single	-	17.7	-	A previous risk assessment for the site (*Ref. 2*) used infiltration values to Made Ground, in this QRA using infiltration value to the London Clay (minimum value of hydraulic conductivity for London Clay used and assume a unit hydraulic gradient to calculate infiltration term)
Thickness	m	Uniform	6	-	13	Based on site-specific data as the likely thickness of the London Clay (*Ref. 6*). Minimum thickness of 10 metres reduced by 4 metres to represent possible presence of soakaway.
Water Filled Porosity	Fraction	Uniform	0.34	-	0.60	Assumed fully saturated porosity for clay. Based on ranges in ConSim manual (*EA, 2003*)
Dry Bulk Density	g/cm^3	Uniform	1.366	-	2.132	Based on range of site specific values taken from the London Clay (*Ref. 5*)
Fraction of Organic Carbon	fraction	Triangular	0.0105	0.523	0.950	Based on range of site specific data taken from the saturated zone of London Clay.
Flow Model – Porous Medium						
Unsaturated Hydraulic Conductivity	m/sec	Log Triangular	5.61×10^{-10}	9.5×10^{-9}	4.18×10^{-8}	Based on measurements from permeability tests undertaken in boreholes in the upper part of the London Clay across the Phases 2 demolition area (*Ref. 2*).
Vertical Dispersivity	m	Uniform	1.0	-	1.3	Based on pathway length (i.e. 10% thereof).

Literature values of biodegradation rates of lindane and pp-DDT have been referenced in *Table 3.9.* Environmental degradation is expected to be low given the known environmental persistence of these biocides.

Table 3.9 Literature sources of biodegradation half lives in groundwater

COC	Min (yrs)	Max (yrs)	Data Source
γ-HCH			
	-	1.25	EXTOXNET (*Ref. 8*)
	0.0162	0.6575	Howard et al. (*Ref. 9*)
	0.1096	3	International Programme on Chemical Safety (*Ref. 10*)
	0.5833	4	German Federal Ministry for Economic Cooperation and Development (*Ref.12*)
pp-DDT			
	2.0	15.6	EXTOXNET, UNIDO, USEPA (*Refs. 8, 10, 11*)
	0.0438	31.3	Howard et al. (*Ref. 9*)

To remain conservative of uncertainty in the above literature values, the most pessimistic values for lindane and pp-DDT half-lives have been used within the ConSim assessment of 4 and 31.3 years respectively.

3.8.3 Aquifer Pathway Properties

Aquifer properties are summarised in *Table 3.10.*

Table 3.10 Aquifer pathway properties

Property	Units	PDF	Minimum Value	Most Likely Value	Maximum Value	Source
Thickness	m	Uniform	18	-	27	Based on site-specific data as the likely thickness of the Reading Beds (*Ref. 6*).
Effective Porosity	Fraction	Uniform	0.15	-	0.40	Assumed fully saturated porosity for silty sand. Based on ranges in ConSim manual (*EA, 2003*).
Bulk Density	g/cm^3	Triangular	1.85	1.973	2.05	Based on range of site specific values taken from the Reading Beds (*Ref. 5*)
Fraction of Organic Carbon	fraction	Triangular	0.044	0.2696	0.9904	Based on range of site specific data taken from the Reading Beds.

Flow Model – Porous Medium						
Hydraulic Conductivity	m/sec	Log Uniform	1.33e-8	-	2.06e-7	Based on measurements from permeability tests undertaken in boreholes in Reading Beds across the Phase 2 demolition area (*Ref. 2*).
Hydraulic Gradient	fraction	Uniform	0.002429	-	0.002804	Based on measurements from groundwater elevations in boreholes in Reading Beds across the Phase 2 demolition area (*Ref. 2*).
Longitudinal Dispersivity	m	Uniform	-			Based on pathway length (i.e. 10% thereof).
Lateral Dispersivity	m	Uniform	-			Based on pathway length (i.e. 1% thereof).

3.8.4 Receptors

For the purpose of the quantitative risk assessment groundwater contaminant concentrations are modelled from the source area to a 'compliance point'. A number of compliance points are represented within the QRA at the following locations relative to the source areas:

- Base of the unsaturated zone for shallow sources;
- AWE (B) groundwater abstraction for deep sources assuming a direct east-northeast (075º) flow vector; and
- AWE (B) site boundary for deep sources assuming southerly (180º) flow vector.

4 Results

4.1 Reporting of Results

The modelling results for the source are reported by the ConSim model for the following time slices:

- 1, 10, 100, 500, 1000, 2500, 5000, 7500 and 10,000 years.

At 10,000 years, therefore, the predicted contaminant concentrations for the non-declining source are at 'steady-state' and will be the maximum predicted concentrations. Given the probabilistic nature of the modelling the results are reported at the 95th percentile, i.e. only 5% of outcomes would exceed the reported impact. This is inline with best practice for conservative quantitative risk assessment. The ConSim model inputs and results sheets are included in *Appendix A*.

4.2 Model Results

The ConSim model results are summarised in *Table 4.1*.

Table 4.1 ConSim Quantitative Risk Assessment Results

Contaminant Source	Modelled Source	Receptor	Predicted Maximum Receptor Concentration (mg/l)		Assessment Criteria (mg/l)	Assessment Criterion Exceeded?
			95th Percentile (mg/l)	Time (Year)		
γ-HCH	Shallow groundwater	Base of unsaturated zone	NB	10,000	0.0001 (DWS)	No
	Deep groundwater	AWE(B) abstraction	NB	10,000		No
	Deep groundwater	AWE(B) boundary	NB	10,000		No
pp-DDT	Shallow groundwater	Base of unsaturated zone	NB	10,000	0.000002 (MRV)	No
	Deep groundwater	AWE(B) abstraction	NB	10,000		No
	Deep groundwater	AWE(B) boundary	NB	10,000		No

NB – No breakthrough

The ConSim assessment did not predict a breakthrough of either of the contaminants at the modelled receptors.

5 Discussion and Conclusions

Elevated concentrations of γ-HCH and pp-DDT have only been observed in two previous monitoring rounds at the site in three shallow boreholes and seven deep boreholes. This represents a small proportion of the total number of locations historically monitored for biocides at the site.

Furthermore, it is noteworthy that the primary observation of both lindane and pp-DDT occurred on a single occasion within a wider monitoring programme where earlier and repeat monitoring had not detected these contaminants above the laboratory LOD.

Both lindane and pp-DDT are typically highly persistent within groundwater. Additionally, both contaminants are expected to display very low mobility as a consequence of very strong sorption characteristics to organic carbon, which has been identified and measured within both the London Clay and Reading Beds strata. The pattern of evidence of biocide contamination within groundwater would be expected to be characterised by steady and repeatable observations rather than transitory or anomalous detections as found at the site historically.

The distribution of measured impact of the two groundwater systems does not present a clear association as the principal sources of lindane and pp-DDT in the deeper aquifer are located up hydraulic gradient of those identified in the shallow aquifer.

For the purposes of this assessment, it has been assumed that there is a theoretical possibility that these contaminants could migrate from the shallow groundwater through the London Clay and reach the deeper aquifer of the Reading Beds. This is because there is likely to be some vertical movement of groundwater from the upper water table to the deeper aquifer, via more permeable bands of the London Clay. To account for the possible presence of unidentified soakaways at the site, this pathway has been reduced by 4 metres to account for the possibility of source contaminants bypassing a proportion of the London Clay.

Given that biocide impacts have been detected within the deeper aquifer, a horizontal pathway along the natural gradient monitored within the Reading Beds also exists to allow migration to the southern site boundary. The presence of the abstraction from the Chalk to the east of the site may have influence on groundwater flow within the overlying Reading Beds and produce a forced gradient to the east.

Both of these flow scenarios have been identified to determine the likely impacts to either abstracted groundwater quality (assuming compete hydraulic continuity between the Chalk and Reading Beds) and also at the site boundary to inform potential off-site contamination of groundwater.

A ConSim model has been constructed which simulates the movement of contaminants from the shallow subsurface to the top of the Reading Beds. Site specific data has been used to construct the model where possible and literature sources have otherwise been consulted to obtain model input parameters. Results from the model show that there is no breakthrough of either contaminant at any of the identified compliance points as a result of a theoretical maximum concentration source within either the shallow or deep aquifers.

It is concluded that the ConSim assessment suggests the contamination of the deeper aquifer by the modelled biocides residing in shallow groundwater is very unlikely. The principal reasons are the presence of intervening clayey deposits and the very low environmental mobility of the contaminants assessed.

The ConSim assessment also suggests that contamination of the Reading Beds by the identified biocides is very unlikely to impact either the groundwater abstraction or groundwater quality at the down gradient site boundary.

Given the likely very long residence times of lindane and pp-DDT in groundwater and the nature of the natural soils at the site and that of the surrounding land, it is plausible that these contaminants are remnant agricultural pesticides now residing within the footprint of the site following their application to ground during the early post WWII period.

It is also plausible, in the absence of any definitive records to the contrary, that these pesticides were used in a limited extent and for a limited period at the site following construction of the ROF.

Notwithstanding the above, given the apparent highly ephemeral and localised nature of the key observations of groundwater impact, laboratory analytical error or sample cross contamination remains a possible explanation for the biocide detections.

Regardless of the true source of these biocides, based on the results of on-going groundwater monitoring and a conservative quantitative risk assessment, it is concluded

that presently the risks to groundwater quality as a consequence of residual biocide contamination at the site is very low.

References

1 Environment Agency 'The Physical Properties of Minor Aquifers in England and Wales', 2000.

2 RPS, Ground Conditions Technical Report, Project Mensa Development, 2008, (RPS Ref. JER3860/Mensa/GCTR).

3 ConSim Version 2.02, Golder Associates, 2003.

4 UK Environment Agency, Hydrogeological Risk Assessments for Landfills, 2003.

5 RPS, Interpretative Groundwater and Gas Monitoring Report at Phase 2A Demolition Area, Zone 1, AWE Burghfield, JER3058/P2A/L6/GW/I, March 2006.

6 RPS, Baseline Groundwater Quality Report, Project Mensa Development, AWE Burghfield, JER3996R090708, July 2009.

7 http://rais.ornl.gov/cgi-bin/tox/TOX_select?select=chem

8 http://extoxnet.orst.edu/pips/lindane.htm; http://extoxnet.orst.edu/pips/ddt.htm

9 Howard et al., 1991. Handbook of Environmental Degradation rates.

10 http://www.inchem.org/documents/pds/pds/pest12_e.htm

11 http://www.epa.gov/safewater/pdfs/factsheets/soc/tech/lindane.pdf

12 http://www.bmz.de/en/

Glossary

BGS British Geological Survey

bGL below Ground Level

K_{oc} Organic Carbon Partition Coefficient

LOD Limit of Detection

pdf Probability Density Function

QRA Quantitative Risk Assessment

RPS RSP Planning and Development

Drawings

Outfall 8
Outfall 7
Burghfield Place Cottages
Burnthouse Farm
Burghfield Brook - East
Borehole 1
Burnthouse Bridge
Outfall 2
Ppg Sta
Borehole 2
Outfall 1
Outfalls 3 & 6
Burghfield Place
Sports Ground
Outfall 4
Burghfield Brook - West
Outfall 5
Bell Pits
Bell Copse
39m
44m

Legend

- AWE Burghfield Fence Line
- Mensa Application Area
- Burghfield Brook - Current Course
- Burghfield Brook - Old Course

Water Monitoring Locations

- Burghfield Brook Sampling Point
- Outfall Location
- Groundwater Abstraction Borehole

Source Protection Zones

- 1 Inner Zone
- 2 Outer Zone
- 3 Catchment

Rev:	Date:	Amendment:	Name:	Checked:
A	15/07/09	Addition of Outfalls & SW Locations	RJ	SJ

Data Source: RPS 2008

Status: PRELIMINARY

RPS
Park House Greyfriars Road Cardiff CF10 3AF
T 02920 668662 F 02920 668622 E rpsca@rpsgroup.com W www.rpsplc.co.uk

Client: AWE Plc

Project: Mensa Remediation Works

Title: Site Map Indicating Groundwater Source Protection Zones & AWE Water Monitoring Locations

Scale: A3 @ 1:5,000

0 0.1 0.2km

N

Date: 28/11/2008 Datum: OSGB36 Projection: BNG

Drawn: RJ Checked: RLJ Job Ref: JER3996

Drawing No: **JER3996-004a** Revision: **A**

Project Ref: J:\Drawings\JER3996

© Crown copyright, All rights reserved. 2008 License number 0100031673

Legend

- AWE Burghfield Fence Line
- Burghfield Brook
- Approximate Extent of Former Site Tip
- TCE Area

Project Mensa

- Project Mensa Boundary
- Proposed Mensa Facility & Ancilliary Buildings

Groundwater Assurance Monitoring Wells

Former Site Tip

- Borehole with Monitoring Well (Deep)
- Borehole with Monitoring Well (Shallow)

Former Site Tip & Pingewood Gate

- Borehole with Monitoring Well (Deep)
- Borehole with Monitoring Well (Shallow)

Mensa Enclave

- Borehole with Monitoring Well (Deep)
- Borehole with Monitoring Well (Shallow)

Pingewood Gate (including the TCE Area)

- Borehole with Monitoring Well (Deep)
- Borehole with Monitoring Well (Shallow)

Other Locations

- Wells Lost During Demolition / Construction
- Surface Water Monitoring Points
- Outfalls

Rev:	Date:	Amendment:	Name:	Checked:

Data Source: RPS 2009

Status: UNCLASSIFIED

RPS

Park House Greyfriars Road Cardiff CF10 3AF

T 02920 668662 F 02920 668622 E rpsca@rpsgroup.com W www.rpsplc.co.uk

Client: AWE Plc

Project: Mensa Groundwater Assurance Monitoring

Title: Groundwater Assurance Monitoring Wells and Surface Water Monitoring Points

Scale: A1 @ 1:2,250

0 0.05 0.1km

N

Date: 09/06/2009 Datum: OSGB36 Projection: BNG

Drawn: RJ Checked: GM Job Ref: JER3996

Figure No: **JER3996-009** Revision: -

Project Ref: J:\Drawings\JER3996

© Crown copyright, All rights reserved. 2009 License number 0100031673

Legend

- AWE Burghfield Fence Line
- Burghfield Brook
- Mounds / Other Features
- Approximate Extent of Former Site Tip
- Phase 1A & 1B Buildings (Demolished)
- Project Mensa Boundary
- Monitoring Well (Monitored for gamma-HCH)

gamma-HCH Concentrations > LoD (ug/l)

- 0.02 -< 4.99
- 5.00 -< 9.99
- 10.00 -< 19.99
- 20.00 -< 39.99
- > 40.00

NOTE
Hole ID suffixes indicate the aquifer being sampled:

D - Deep
S - Shallow

Rev:	Date:	Amendment:	Name:	Checked:

Data Source: RPS 2003-2009

Status: UNCLASSIFIED

RPS
Conrad House Beaufort Square Chepstow Monmouthshire NP16 5EP
T 01235 838200 F 01235 820351 E rpsox@rpsgroup.com W www.rpsplc.co.uk

Client: AWE Plc

Project: Mensa Remediation Works

Title: Detected Concentrations of gamma-HCH at AWE Burghfield

Scale: A3 @ 1:5,000

0 0.125 0.25km

N

Date: 28/07/2009 Datum: OSGB36 Projection: BNG

Drawn: RJ Checked: RG Job Ref: JER3996

Drawing No: **JER3996-BIO-001** Revision: -

Project Ref: J:\Drawings\JER3996

© Crown copyright, All rights reserved. 2009 License number 0100031673

Legend

- AWE Burghfield Fence Line
- Burghfield Brook
- Mounds / Other Features
- Approximate Extent of Former Site Tip
- Phase 1A & 1B Buildings (Demolished)
- Project Mensa Boundary
- Monitoring Well (Monitored for p,p-DDT)

p,p-DDT Concentrations > LoD (ug/l)

- 0.02 -< 4.99
- 5.00 -< 9.99
- 10.00 - < 19.99
- 20.00 -< 39.99
- > 40.00

NOTE
Hole ID suffixes indicate the aquifer being sampled:

D - Deep
S - Shallow

Rev:	Date:	Amendment:	Name:	Checked:

Data Source: RPS 2003-2009

Status: UNCLASSIFIED

RPS
Conrad House Beaufort Square Chepstow Monmouthshire NP16 5EP
T 01235 838200 F 01235 820351 E rpsox@rpsgroup.com W www.rpsplc.co.uk

Client: AWE Plc

Project: Mensa Remediation Works

Title: Detected Concentrations of p,p-DDT at AWE Burghfield

Scale: A3 @ 1:5,000

0 0.125 0.25km

N

Date: 28/07/2009 Datum: OSGB36 Projection: BNG

Drawn: RJ Checked: RG Job Ref: JER3996

Drawing No: **JER3996-BIO-002** Revision: -

Project Ref: J:\Drawings\JER3996

© Crown copyright, All rights reserved. 2009 License number 0100031673

Appendices

Appendix A

ConSim model inputs, results sheets and models

Project: Biocide Risk Assessment

Project Number: JER3996

Project Details

Title: Biocide Risk Assessment

Project Number: JER3996

Prepared By: LW

Date: 2009-08-04 13:07:25

Client Name:

Comments:

Consim version 2.02

Simulation Level

Level 2

Simulation Parameters

Iterations 1001

Timeslices: 1, 500, 1000, 2500, 5000, 7500, 10000

Water Quality Standard

User Defined

Source

BH205S
Dry Bulk Density [g/cm³] UNIFORM(1.366,2.132)
Air Filled Porosity [fraction] SINGLE(0)
Water Filled Porosity [fraction] LOGUNIFORM(0.03,0.25)
Thickness [m] UNIFORM(2,4)
Fraction of Organic Carbon [%] TRIANGULAR(0.105,0.523,0.95)
Contaminated Land
Constant Source Term

Infiltration

Infiltration [mm/year] UNIFORM(10,20)

Source Inventory:

Gamma HCH

Measured as Leachable Concentrate — Leachate Concentration [mg/l] SINGLE(0.05)
Organic

p p DDT

Measured as Leachable Concentrate — Leachate Concentration [mg/l] SINGLE(0.05)
Organic

Unsaturated Pathway

Porous Medium
Thickness [m] UNIFORM(5,13)
Dry Bulk Density [g/cm³] UNIFORM(1.366,2.132)
Vertical Dispersivity [m] UNIFORM(0.5,1.3)
Fraction of Organic Carbon [%] TRIANGULAR(0.105,0.523,0.95)
Water Filled Porosity [fraction] UNIFORM(0.03,0.25)
Unsaturated Conductivity [m/s] LOGTRIANGULAR(5.61e-010,9.5e-009,4.18e-008)

Unsaturated Pathway Contaminants

Gamma HCH

koc [ml/g] LOGUNIFORM(3380,28900) — Calculate kd
Simulate Degradation in Dissolved Phase only
Halflife [years] SINGLE(4)

p p DDT

koc [ml/g] UNIFORM(220000,239880) — Calculate kd
Simulate Degradation in Dissolved Phase only
Halflife [years] SINGLE(31.3)

Source

BH2A005S
Dry Bulk Density [g/cm³] UNDEFINED
Air Filled Porosity [fraction] UNDEFINED
Water Filled Porosity [fraction] UNDEFINED
Thickness [m] UNIFORM(2,4)
Fraction of Organic Carbon [%] UNDEFINED
Contaminated Land
Constant Source Term

Infiltration

Infiltration [mm/year] UNIFORM(10,20)

Source Inventory:

Gamma HCH

Measured as Leachable Concentrate — Leachate Concentration [mg/l] SINGLE(7.3)
Organic

p p DDT

Measured as Leachable Concentrate — Leachate Concentration [mg/l] SINGLE(1)
Organic

Unsaturated Pathway

Porous Medium
Thickness [m] UNIFORM(5,13)
Dry Bulk Density [g/cm³] UNIFORM(1.366,2.132)
Vertical Dispersivity [m] UNIFORM(0.5,1.3)
Fraction of Organic Carbon [%] TRIANGULAR(0.105,0.523,0.95)
Water Filled Porosity [fraction] LOGUNIFORM(0.03,0.25)
Unsaturated Conductivity [m/s] LOGTRIANGULAR(5.61e-010,9.5e-009,4.18e-008)

Unsaturated Pathway Contaminants

Gamma HCH

koc [ml/g] LOGUNIFORM(3380,28900) — Calculate kd
Simulate Degradation in Dissolved Phase only
Halflife [years] SINGLE(4)

p p DDT

koc [ml/g] UNIFORM(220000,239880) — Calculate kd
Simulate Degradation in Dissolved Phase only
Halflife [years] SINGLE(31.3)

Source

BH2A007S
Dry Bulk Density [g/cm³] UNDEFINED
Air Filled Porosity [fraction] UNDEFINED
Water Filled Porosity [fraction] UNDEFINED
Thickness [m] UNIFORM(2,4)
Fraction of Organic Carbon [%] UNDEFINED
Contaminated Land
Constant Source Term

Infiltration

Infiltration [mm/year] UNIFORM(10,20)

Source Inventory:

Gamma HCH

Measured as Leachable Concentrate — Leachate Concentration [mg/l] SINGLE(0.05)
Organic

p p DDT

Measured as Leachable Concentrate — Leachate Concentration [mg/l] SINGLE(0.05)
Organic

Unsaturated Pathway

Porous Medium
Thickness [m] UNIFORM(5,13)
Dry Bulk Density [g/cm³] UNIFORM(1.366,2.132)
Vertical Dispersivity [m] UNIFORM(0.5,1.3)
Fraction of Organic Carbon [%] TRIANGULAR(0.105,0.523,0.95)
Water Filled Porosity [fraction] LOGUNIFORM(0.03,0.25)
Unsaturated Conductivity [m/s] LOGTRIANGULAR(5.61e-010,9.5e-009,4.18e-008)

Unsaturated Pathway Contaminants

Gamma HCH

koc [ml/g] LOGUNIFORM(3380,28900) — Calculate kd
Simulate Degradation in Dissolved Phase only
Halflife [years] SINGLE(4)

p p DDT

koc [ml/g] UNIFORM(220000,239880) — Calculate kd
Simulate Degradation in Dissolved Phase only
Halflife [years] SINGLE(31.3)

Aquifer Pathway

Thickness [m] UNIFORM(18,27)
Dry Bulk Density [g/cm³] TRIANGULAR(1.85,1.973,2.05)
Fraction of Organic Carbon [%] TRIANGULAR(0.044,0.2696,0.9904)
Calculated Mixing Zone Thickness
Hydraulic Conductivity [m/s] LOGUNIFORM(1.33e-008,2.06e-007)
Effective Porosity [fraction] UNIFORM(0.15,0.4)
Hydraulic Gradient UNIFORM(0.002429,0.002804)
Groundwater Flow Direction (degrees), 180.00
Longitudinal Dispersivity [m] SINGLE(69)
Lateral Dispersivity [m] SINGLE(6.9)

Contaminant Inventory

Gamma HCH

koc [ml/g] LOGUNIFORM(3380,28900)	Calculate kd

p p DDT

koc [ml/g] UNIFORM(220000,239880)	Calculate kd

BH205S Receptor	X 468068.605948	Y 167604.589312
BH2A005S Receptor	X 468020.255054	Y 167831.641680
BH2A007S Receptor	X 467954.926773	Y 168002.840564

Input Correlations

New Correlation	1

Project: Biocide Risk Assessment

Project Number: JER3996

Project Details

Title: Biocide Risk Assessment

Project Number: JER3996

Prepared By: LW

Date: 2009-08-04 13:01:32

Client Name:

Comments:

Consim version 2.02

Simulation Level

Level 3a

Simulation Parameters

Iterations 1001

Timeslices: 1, 10, 100, 500, 1000, 2500, 5000, 7500, 10000

Water Quality Standard

User Defined

Project: Biocide Risk Assessment

Project Number: JER3996

Source

BH2A010D(G)

Infiltration

Infiltration [mm/year] UNIFORM(10,20)

Source Inventory:

Gamma HCH

Aquifer Source Concentration [mg/l] SINGLE(7.3)

Organic

p p DDT

Aquifer Source Concentration [mg/l] SINGLE(1)

Organic

Project: Biocide Risk Assessment

Project Number: JER3996

Source

BH2A023D

Infiltration

Infiltration [mm/year] UNIFORM(10,20)

Source Inventory:

Gamma HCH

Aquifer Source Concentration [mg/l] SINGLE(7.3)

Organic

p p DDT

Aquifer Source Concentration [mg/l] SINGLE(1)

Organic

Project: Biocide Risk Assessment

Project Number: JER3996

Source

BH2A002D

Infiltration

Infiltration [mm/year] UNIFORM(10,20)

Source Inventory:

Gamma HCH

Aquifer Source Concentration [mg/l] SINGLE(7.3)

Organic

p p DDT

Aquifer Source Concentration [mg/l] SINGLE(1)

Organic

Aquifer Pathway

Thickness [m] UNIFORM(18,27)
Dry Bulk Density [g/cm³] TRIANGULAR(1.85,1.973,2.05)
Fraction of Organic Carbon [%] TRIANGULAR(0.044,0.2696,0.9904)
Calculated Mixing Zone Thickness
Hydraulic Conductivity [m/s] LOGUNIFORM(1.33e-008,2.06e-007)
Effective Porosity [fraction] UNIFORM(0.15,0.4)
Hydraulic Gradient UNIFORM(0.002429,0.002804)
Groundwater Flow Direction (degrees), 180.00
Longitudinal Dispersivity [m] SINGLE(18.3)
Lateral Dispersivity [m] SINGLE(1.83)

Contaminant Inventory

Gamma HCH

koc [ml/g] LOGUNIFORM(3380,28900)	Calculate kd

p p DDT

koc [ml/g] UNIFORM(220000,239880)	Calculate kd

Project: Biocide Risk Assessment

Project Number: JER3996

Receptor

BH2A010D(G) Receptor	X 468196.084576	Y 168139.598045
BH2A023D Receptor	X 468049.364347	Y 168063.512256
BH2A002D Receptor	X 467805.000000	Y 168131.796963
AWE(B) Abstraction	X 468678.557351	Y 168023.465940
BH2A010D(G) boundary	X 468183.483686	Y 167579.264289
BH2A002D boundary	X 467791.160678	Y 167483.514790
BH2A023D boundary	X 468036.883263	Y 167424.252284

Input Correlations

New Correlation	1

BH205S - Gamma HCH

Concentration at Source [mg/l] - 1 years

05% of values less than 0.05
10% of values less than 0.05
25% of values less than 0.05
50% of values less than 0.05
75% of values less than 0.05
90% of values less than 0.05
95% of values less than 0.05

Minimum 0.05	Maximum 0.05	
Mean 0.05	Standard Deviation 5.34981E-009	Variance 2.86205E-017

Concentration at Source [mg/l] - 10 years

05% of values less than 0.05
10% of values less than 0.05
25% of values less than 0.05
50% of values less than 0.05
75% of values less than 0.05
90% of values less than 0.05
95% of values less than 0.05

Minimum 0.05	Maximum 0.05	
Mean 0.05	Standard Deviation 5.34981E-009	Variance 2.86205E-017

Concentration at Source [mg/l] - 100 years

05% of values less than 0.05
10% of values less than 0.05
25% of values less than 0.05
50% of values less than 0.05
75% of values less than 0.05
90% of values less than 0.05
95% of values less than 0.05

Minimum 0.05	Maximum 0.05	
Mean 0.05	Standard Deviation 5.34981E-009	Variance 2.86205E-017

Concentration at Source [mg/l] - 500 years

05% of values less than 0.05
10% of values less than 0.05
25% of values less than 0.05
50% of values less than 0.05
75% of values less than 0.05
90% of values less than 0.05
95% of values less than 0.05

Minimum 0.05	Maximum 0.05	
Mean 0.05	Standard Deviation 5.34981E-009	Variance 2.86205E-017

BH205S - Gamma HCH

Concentration at Source [mg/l] - 1000 years

05% of values less than 0.05
10% of values less than 0.05
25% of values less than 0.05
50% of values less than 0.05
75% of values less than 0.05
90% of values less than 0.05
95% of values less than 0.05

Minimum 0.05	Maximum 0.05	
Mean 0.05	Standard Deviation 5.34981E-009	Variance 2.86205E-017

Concentration at Source [mg/l] - 2500 years

05% of values less than 0.05
10% of values less than 0.05
25% of values less than 0.05
50% of values less than 0.05
75% of values less than 0.05
90% of values less than 0.05
95% of values less than 0.05

Minimum 0.05	Maximum 0.05	
Mean 0.05	Standard Deviation 5.34981E-009	Variance 2.86205E-017

Concentration at Source [mg/l] - 5000 years

05% of values less than 0.05
10% of values less than 0.05
25% of values less than 0.05
50% of values less than 0.05
75% of values less than 0.05
90% of values less than 0.05
95% of values less than 0.05

Minimum 0.05	Maximum 0.05	
Mean 0.05	Standard Deviation 5.34981E-009	Variance 2.86205E-017

Concentration at Source [mg/l] - 7500 years

05% of values less than 0.05
10% of values less than 0.05
25% of values less than 0.05
50% of values less than 0.05
75% of values less than 0.05
90% of values less than 0.05
95% of values less than 0.05

Minimum 0.05	Maximum 0.05	
Mean 0.05	Standard Deviation 5.34981E-009	Variance 2.86205E-017

BH205S - Gamma HCH

Concentration at Source [mg/l] - 10000 years

05% of values less than 0.05

10% of values less than 0.05

25% of values less than 0.05

50% of values less than 0.05

75% of values less than 0.05

90% of values less than 0.05

95% of values less than 0.05

Minimum 0.05	Maximum 0.05	
Mean 0.05	Standard Deviation 5.34981E-009	Variance 2.86205E-017

BH205S - p p DDT

Concentration at Source [mg/l] - 1 years

05% of values less than 0.05
10% of values less than 0.05
25% of values less than 0.05
50% of values less than 0.05
75% of values less than 0.05
90% of values less than 0.05
95% of values less than 0.05

Minimum 0.05	Maximum 0.05	
Mean 0.05	Standard Deviation 5.34981E-009	Variance 2.86205E-017

Concentration at Source [mg/l] - 10 years

05% of values less than 0.05
10% of values less than 0.05
25% of values less than 0.05
50% of values less than 0.05
75% of values less than 0.05
90% of values less than 0.05
95% of values less than 0.05

Minimum 0.05	Maximum 0.05	
Mean 0.05	Standard Deviation 5.34981E-009	Variance 2.86205E-017

Concentration at Source [mg/l] - 100 years

05% of values less than 0.05
10% of values less than 0.05
25% of values less than 0.05
50% of values less than 0.05
75% of values less than 0.05
90% of values less than 0.05
95% of values less than 0.05

Minimum 0.05	Maximum 0.05	
Mean 0.05	Standard Deviation 5.34981E-009	Variance 2.86205E-017

Concentration at Source [mg/l] - 500 years

05% of values less than 0.05
10% of values less than 0.05
25% of values less than 0.05
50% of values less than 0.05
75% of values less than 0.05
90% of values less than 0.05
95% of values less than 0.05

Minimum 0.05	Maximum 0.05	
Mean 0.05	Standard Deviation 5.34981E-009	Variance 2.86205E-017

BH205S - p p DDT

Concentration at Source [mg/l] - 1000 years

05% of values less than 0.05
10% of values less than 0.05
25% of values less than 0.05
50% of values less than 0.05
75% of values less than 0.05
90% of values less than 0.05
95% of values less than 0.05

Minimum 0.05	Maximum 0.05	
Mean 0.05	Standard Deviation 5.34981E-009	Variance 2.86205E-017

Concentration at Source [mg/l] - 2500 years

05% of values less than 0.05
10% of values less than 0.05
25% of values less than 0.05
50% of values less than 0.05
75% of values less than 0.05
90% of values less than 0.05
95% of values less than 0.05

Minimum 0.05	Maximum 0.05	
Mean 0.05	Standard Deviation 5.34981E-009	Variance 2.86205E-017

Concentration at Source [mg/l] - 5000 years

05% of values less than 0.05
10% of values less than 0.05
25% of values less than 0.05
50% of values less than 0.05
75% of values less than 0.05
90% of values less than 0.05
95% of values less than 0.05

Minimum 0.05	Maximum 0.05	
Mean 0.05	Standard Deviation 5.34981E-009	Variance 2.86205E-017

Concentration at Source [mg/l] - 7500 years

05% of values less than 0.05
10% of values less than 0.05
25% of values less than 0.05
50% of values less than 0.05
75% of values less than 0.05
90% of values less than 0.05
95% of values less than 0.05

Minimum 0.05	Maximum 0.05	
Mean 0.05	Standard Deviation 5.34981E-009	Variance 2.86205E-017

BH205S - p p DDT

Concentration at Source [mg/l] - 10000 years

05% of values less than 0.05

10% of values less than 0.05

25% of values less than 0.05

50% of values less than 0.05

75% of values less than 0.05

90% of values less than 0.05

95% of values less than 0.05

Minimum 0.05	Maximum 0.05	
Mean 0.05	Standard Deviation 5.34981E-009	Variance 2.86205E-017

BH205S - Gamma HCH

Unretarded Travel Time to Base of Unsaturated Zone [years]

05% of values less than 19.6094
10% of values less than 26.5114
25% of values less than 41.6615
50% of values less than 71.0043
75% of values less than 107.781
90% of values less than 145.298
95% of values less than 168.215

Minimum 7.6202	Maximum 253.933	
Mean 79.0899	Standard Deviation 46.5566	Variance 2167.52

Retarded Travel Time to Base of Unsaturated Zone [years]

05% of values less than 11370.1
10% of values less than 15947.5
25% of values less than 25520.3
50% of values less than 45236.5
75% of values less than 80831.4
90% of values less than 127286
95% of values less than 165663

Minimum 3678.08	Maximum 325323	
Mean 61393.1	Standard Deviation 50937.5	Variance 2.59463E+009

BH205S - p p DDT

Unretarded Travel Time to Base of Unsaturated Zone [years]

05% of values less than 19.6094
10% of values less than 26.5114
25% of values less than 41.6615
50% of values less than 71.0043
75% of values less than 107.781
90% of values less than 145.298
95% of values less than 168.215

Minimum 7.6202	Maximum 253.933	
Mean 79.0899	Standard Deviation 46.5566	Variance 2167.52

Retarded Travel Time to Base of Unsaturated Zone [years]

05% of values less than 411915
10% of values less than 508838
25% of values less than 738263
50% of values less than 1.06824E+006
75% of values less than 1.51613E+006
90% of values less than 2.01842E+006
95% of values less than 2.33355E+006

Minimum 178279	Maximum 3.97431E+006	
Mean 1.18569E+006	Standard Deviation 605629	Variance 3.66786E+011

BH205S - Gamma HCH

Concentration at Base of Unsaturated Zone [mg/l] - 1 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at Base of Unsaturated Zone [mg/l] - 10 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at Base of Unsaturated Zone [mg/l] - 100 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at Base of Unsaturated Zone [mg/l] - 500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

BH205S - Gamma HCH

Concentration at Base of Unsaturated Zone [mg/l] - 1000 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at Base of Unsaturated Zone [mg/l] - 2500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at Base of Unsaturated Zone [mg/l] - 5000 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0.00153126	
Mean 2.04569E-006	Standard Deviation 5.07526E-005	Variance 2.57582E-009

Concentration at Base of Unsaturated Zone [mg/l] - 7500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0.00740014	
Mean 1.34657E-005	Standard Deviation 0.000264178	Variance 6.97902E-008

BH205S - Gamma HCH

Concentration at Base of Unsaturated Zone [mg/l] - 10000 years

05% of values less than 0

10% of values less than 0

25% of values less than 0

50% of values less than 0

75% of values less than 0

90% of values less than 0

95% of values less than 0

Minimum 0	Maximum 0.00866849	
Mean 3.51377E-005	Standard Deviation 0.000406053	Variance 1.64879E-007

BH205S - p p DDT

Concentration at Base of Unsaturated Zone [mg/l] - 1 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at Base of Unsaturated Zone [mg/l] - 10 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at Base of Unsaturated Zone [mg/l] - 100 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at Base of Unsaturated Zone [mg/l] - 500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

BH205S - p p DDT

Concentration at Base of Unsaturated Zone [mg/l] - 1000 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at Base of Unsaturated Zone [mg/l] - 2500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at Base of Unsaturated Zone [mg/l] - 5000 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at Base of Unsaturated Zone [mg/l] - 7500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

BH205S - p p DDT

Concentration at Base of Unsaturated Zone [mg/l] - 10000 years

05% of values less than 0

10% of values less than 0

25% of values less than 0

50% of values less than 0

75% of values less than 0

90% of values less than 0

95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

BH205S - Gamma HCH

Diluted Concentration [mg/l] - 1 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Diluted Concentration [mg/l] - 10 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Diluted Concentration [mg/l] - 100 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Diluted Concentration [mg/l] - 500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

BH205S - Gamma HCH

Diluted Concentration [mg/l] - 1000 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Diluted Concentration [mg/l] - 2500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Diluted Concentration [mg/l] - 5000 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0.000960237	
Mean 1.30724E-006	Standard Deviation 3.20431E-005	Variance 1.02676E-009

Diluted Concentration [mg/l] - 7500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0.00571766	
Mean 9.82675E-006	Standard Deviation 0.000198927	Variance 3.9572E-008

BH205S - Gamma HCH

Diluted Concentration [mg/l] - 10000 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0.00669765	
Mean 2.77435E-005	Standard Deviation 0.000319458	Variance 1.02053E-007

BH205S - p p DDT

Diluted Concentration [mg/l] - 1 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Diluted Concentration [mg/l] - 10 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Diluted Concentration [mg/l] - 100 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Diluted Concentration [mg/l] - 500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

BH205S - p p DDT

Diluted Concentration [mg/l] - 1000 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Diluted Concentration [mg/l] - 2500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Diluted Concentration [mg/l] - 5000 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Diluted Concentration [mg/l] - 7500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

BH205S - p p DDT

Diluted Concentration [mg/l] - 10000 years

05% of values less than 0

10% of values less than 0

25% of values less than 0

50% of values less than 0

75% of values less than 0

90% of values less than 0

95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

BH2A005S - Gamma HCH

Concentration at Source [mg/l] - 1 years

05% of values less than 7.3
10% of values less than 7.3
25% of values less than 7.3
50% of values less than 7.3
75% of values less than 7.3
90% of values less than 7.3
95% of values less than 7.3

Minimum 7.3	Maximum 7.3	
Mean 7.3	Standard Deviation 1.02444E-006	Variance -1.04948E-012

Concentration at Source [mg/l] - 10 years

05% of values less than 7.3
10% of values less than 7.3
25% of values less than 7.3
50% of values less than 7.3
75% of values less than 7.3
90% of values less than 7.3
95% of values less than 7.3

Minimum 7.3	Maximum 7.3	
Mean 7.3	Standard Deviation 1.02444E-006	Variance -1.04948E-012

Concentration at Source [mg/l] - 100 years

05% of values less than 7.3
10% of values less than 7.3
25% of values less than 7.3
50% of values less than 7.3
75% of values less than 7.3
90% of values less than 7.3
95% of values less than 7.3

Minimum 7.3	Maximum 7.3	
Mean 7.3	Standard Deviation 1.02444E-006	Variance -1.04948E-012

Concentration at Source [mg/l] - 500 years

05% of values less than 7.3
10% of values less than 7.3
25% of values less than 7.3
50% of values less than 7.3
75% of values less than 7.3
90% of values less than 7.3
95% of values less than 7.3

Minimum 7.3	Maximum 7.3	
Mean 7.3	Standard Deviation 1.02444E-006	Variance -1.04948E-012

BH2A005S - Gamma HCH

Concentration at Source [mg/l] - 1000 years

05% of values less than 7.3
10% of values less than 7.3
25% of values less than 7.3
50% of values less than 7.3
75% of values less than 7.3
90% of values less than 7.3
95% of values less than 7.3

Minimum 7.3	Maximum 7.3	
Mean 7.3	Standard Deviation 1.02444E-006	Variance -1.04948E-012

Concentration at Source [mg/l] - 2500 years

05% of values less than 7.3
10% of values less than 7.3
25% of values less than 7.3
50% of values less than 7.3
75% of values less than 7.3
90% of values less than 7.3
95% of values less than 7.3

Minimum 7.3	Maximum 7.3	
Mean 7.3	Standard Deviation 1.02444E-006	Variance -1.04948E-012

Concentration at Source [mg/l] - 5000 years

05% of values less than 7.3
10% of values less than 7.3
25% of values less than 7.3
50% of values less than 7.3
75% of values less than 7.3
90% of values less than 7.3
95% of values less than 7.3

Minimum 7.3	Maximum 7.3	
Mean 7.3	Standard Deviation 1.02444E-006	Variance -1.04948E-012

Concentration at Source [mg/l] - 7500 years

05% of values less than 7.3
10% of values less than 7.3
25% of values less than 7.3
50% of values less than 7.3
75% of values less than 7.3
90% of values less than 7.3
95% of values less than 7.3

Minimum 7.3	Maximum 7.3	
Mean 7.3	Standard Deviation 1.02444E-006	Variance -1.04948E-012

BH2A005S - Gamma HCH

Concentration at Source [mg/l] - 10000 years

05% of values less than 7.3

10% of values less than 7.3

25% of values less than 7.3

50% of values less than 7.3

75% of values less than 7.3

90% of values less than 7.3

95% of values less than 7.3

Minimum 7.3	Maximum 7.3	
Mean 7.3	Standard Deviation 1.02444E-006	Variance -1.04948E-012

BH2A005S - p p DDT

Concentration at Source [mg/l] - 1 years

05% of values less than 1
10% of values less than 1
25% of values less than 1
50% of values less than 1
75% of values less than 1
90% of values less than 1
95% of values less than 1

Minimum 1	Maximum 1	
Mean 1	Standard Deviation 0	Variance 0

Concentration at Source [mg/l] - 10 years

05% of values less than 1
10% of values less than 1
25% of values less than 1
50% of values less than 1
75% of values less than 1
90% of values less than 1
95% of values less than 1

Minimum 1	Maximum 1	
Mean 1	Standard Deviation 0	Variance 0

Concentration at Source [mg/l] - 100 years

05% of values less than 1
10% of values less than 1
25% of values less than 1
50% of values less than 1
75% of values less than 1
90% of values less than 1
95% of values less than 1

Minimum 1	Maximum 1	
Mean 1	Standard Deviation 0	Variance 0

Concentration at Source [mg/l] - 500 years

05% of values less than 1
10% of values less than 1
25% of values less than 1
50% of values less than 1
75% of values less than 1
90% of values less than 1
95% of values less than 1

Minimum 1	Maximum 1	
Mean 1	Standard Deviation 0	Variance 0

BH2A005S - p p DDT

Concentration at Source [mg/l] - 1000 years

05% of values less than 1
10% of values less than 1
25% of values less than 1
50% of values less than 1
75% of values less than 1
90% of values less than 1
95% of values less than 1

Minimum 1	Maximum 1	
Mean 1	Standard Deviation 0	Variance 0

Concentration at Source [mg/l] - 2500 years

05% of values less than 1
10% of values less than 1
25% of values less than 1
50% of values less than 1
75% of values less than 1
90% of values less than 1
95% of values less than 1

Minimum 1	Maximum 1	
Mean 1	Standard Deviation 0	Variance 0

Concentration at Source [mg/l] - 5000 years

05% of values less than 1
10% of values less than 1
25% of values less than 1
50% of values less than 1
75% of values less than 1
90% of values less than 1
95% of values less than 1

Minimum 1	Maximum 1	
Mean 1	Standard Deviation 0	Variance 0

Concentration at Source [mg/l] - 7500 years

05% of values less than 1
10% of values less than 1
25% of values less than 1
50% of values less than 1
75% of values less than 1
90% of values less than 1
95% of values less than 1

Minimum 1	Maximum 1	
Mean 1	Standard Deviation 0	Variance 0

BH2A005S - p p DDT

Concentration at Source [mg/l] - 10000 years

05% of values less than 1

10% of values less than 1

25% of values less than 1

50% of values less than 1

75% of values less than 1

90% of values less than 1

95% of values less than 1

Minimum 1	Maximum 1	
Mean 1	Standard Deviation 0	Variance 0

BH2A005S - Gamma HCH

Unretarded Travel Time to Base of Unsaturated Zone [years]

05% of values less than 13.5462
10% of values less than 17.7366
25% of values less than 27.747
50% of values less than 46.0008
75% of values less than 79.4483
90% of values less than 117.014
95% of values less than 137.651

Minimum 7.09786	Maximum 246.294	
Mean 57.5626	Standard Deviation 39.5043	Variance 1560.59

Retarded Travel Time to Base of Unsaturated Zone [years]

05% of values less than 11059.8
10% of values less than 14213.1
25% of values less than 22886.3
50% of values less than 45295
75% of values less than 81935.8
90% of values less than 135633
95% of values less than 165522

Minimum 2778.38	Maximum 363788	
Mean 61378.6	Standard Deviation 52631.8	Variance 2.77011E+009

BH2A005S - p p DDT

Unretarded Travel Time to Base of Unsaturated Zone [years]

05% of values less than 13.5462
10% of values less than 17.7366
25% of values less than 27.747
50% of values less than 46.0008
75% of values less than 79.4483
90% of values less than 117.014
95% of values less than 137.651

Minimum 7.09786	Maximum 246.294	
Mean 57.5626	Standard Deviation 39.5043	Variance 1560.59

Retarded Travel Time to Base of Unsaturated Zone [years]

05% of values less than 390563
10% of values less than 477949
25% of values less than 713326
50% of values less than 1.04069E+006
75% of values less than 1.49897E+006
90% of values less than 2.03415E+006
95% of values less than 2.28856E+006

Minimum 115631	Maximum 3.65358E+006	
Mean 1.16285E+006	Standard Deviation 607400	Variance 3.68935E+011

BH2A005S - Gamma HCH

Concentration at Base of Unsaturated Zone [mg/l] - 1 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at Base of Unsaturated Zone [mg/l] - 10 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at Base of Unsaturated Zone [mg/l] - 100 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at Base of Unsaturated Zone [mg/l] - 500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

BH2A005S - Gamma HCH

Concentration at Base of Unsaturated Zone [mg/l] - 1000 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at Base of Unsaturated Zone [mg/l] - 2500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at Base of Unsaturated Zone [mg/l] - 5000 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0.116271	
Mean 0.000136939	Standard Deviation 0.00373269	Variance 1.39329E-005

Concentration at Base of Unsaturated Zone [mg/l] - 7500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 1.08382	
Mean 0.0036428	Standard Deviation 0.0487008	Variance 0.00237177

BH2A005S - Gamma HCH

Concentration at Base of Unsaturated Zone [mg/l] - 10000 years

05% of values less than 0

10% of values less than 0

25% of values less than 0

50% of values less than 0

75% of values less than 0

90% of values less than 0

95% of values less than 0

Minimum 0	Maximum 1.17579	
Mean 0.00790892	Standard Deviation 0.0700502	Variance 0.00490704

BH2A005S - p p DDT

Concentration at Base of Unsaturated Zone [mg/l] - 1 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at Base of Unsaturated Zone [mg/l] - 10 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at Base of Unsaturated Zone [mg/l] - 100 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at Base of Unsaturated Zone [mg/l] - 500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

BH2A005S - p p DDT

Concentration at Base of Unsaturated Zone [mg/l] - 1000 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at Base of Unsaturated Zone [mg/l] - 2500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at Base of Unsaturated Zone [mg/l] - 5000 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at Base of Unsaturated Zone [mg/l] - 7500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

BH2A005S - p p DDT

Concentration at Base of Unsaturated Zone [mg/l] - 10000 years

05% of values less than 0

10% of values less than 0

25% of values less than 0

50% of values less than 0

75% of values less than 0

90% of values less than 0

95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

BH2A005S - Gamma HCH

Diluted Concentration [mg/l] - 1 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Diluted Concentration [mg/l] - 10 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Diluted Concentration [mg/l] - 100 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Diluted Concentration [mg/l] - 500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

BH2A005S - Gamma HCH

Diluted Concentration [mg/l] - 1000 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Diluted Concentration [mg/l] - 2500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Diluted Concentration [mg/l] - 5000 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0.0836357	
Mean 0.000102379	Standard Deviation 0.00270917	Variance 7.33959E-006

Diluted Concentration [mg/l] - 7500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0.670717	
Mean 0.00271882	Standard Deviation 0.034433	Variance 0.00118563

BH2A005S - Gamma HCH

Diluted Concentration [mg/l] - 10000 years

05% of values less than 0

10% of values less than 0

25% of values less than 0

50% of values less than 0

75% of values less than 0

90% of values less than 0

95% of values less than 0

Minimum 0	Maximum 0.727631	
Mean 0.00580851	Standard Deviation 0.0488946	Variance 0.00239068

BH2A005S - p p DDT

Diluted Concentration [mg/l] - 1 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Diluted Concentration [mg/l] - 10 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Diluted Concentration [mg/l] - 100 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Diluted Concentration [mg/l] - 500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

BH2A005S - p p DDT

Diluted Concentration [mg/l] - 1000 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Diluted Concentration [mg/l] - 2500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Diluted Concentration [mg/l] - 5000 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Diluted Concentration [mg/l] - 7500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

BH2A005S - p p DDT

Diluted Concentration [mg/l] - 10000 years

05% of values less than 0

10% of values less than 0

25% of values less than 0

50% of values less than 0

75% of values less than 0

90% of values less than 0

95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

BH2A007S - Gamma HCH

Concentration at Source [mg/l] - 1 years

05% of values less than 0.05
10% of values less than 0.05
25% of values less than 0.05
50% of values less than 0.05
75% of values less than 0.05
90% of values less than 0.05
95% of values less than 0.05

Minimum 0.05	Maximum 0.05	
Mean 0.05	Standard Deviation 5.34981E-009	Variance 2.86205E-017

Concentration at Source [mg/l] - 10 years

05% of values less than 0.05
10% of values less than 0.05
25% of values less than 0.05
50% of values less than 0.05
75% of values less than 0.05
90% of values less than 0.05
95% of values less than 0.05

Minimum 0.05	Maximum 0.05	
Mean 0.05	Standard Deviation 5.34981E-009	Variance 2.86205E-017

Concentration at Source [mg/l] - 100 years

05% of values less than 0.05
10% of values less than 0.05
25% of values less than 0.05
50% of values less than 0.05
75% of values less than 0.05
90% of values less than 0.05
95% of values less than 0.05

Minimum 0.05	Maximum 0.05	
Mean 0.05	Standard Deviation 5.34981E-009	Variance 2.86205E-017

Concentration at Source [mg/l] - 500 years

05% of values less than 0.05
10% of values less than 0.05
25% of values less than 0.05
50% of values less than 0.05
75% of values less than 0.05
90% of values less than 0.05
95% of values less than 0.05

Minimum 0.05	Maximum 0.05	
Mean 0.05	Standard Deviation 5.34981E-009	Variance 2.86205E-017

BH2A007S - Gamma HCH

Concentration at Source [mg/l] - 1000 years

05% of values less than 0.05
10% of values less than 0.05
25% of values less than 0.05
50% of values less than 0.05
75% of values less than 0.05
90% of values less than 0.05
95% of values less than 0.05

Minimum 0.05	Maximum 0.05	
Mean 0.05	Standard Deviation 5.34981E-009	Variance 2.86205E-017

Concentration at Source [mg/l] - 2500 years

05% of values less than 0.05
10% of values less than 0.05
25% of values less than 0.05
50% of values less than 0.05
75% of values less than 0.05
90% of values less than 0.05
95% of values less than 0.05

Minimum 0.05	Maximum 0.05	
Mean 0.05	Standard Deviation 5.34981E-009	Variance 2.86205E-017

Concentration at Source [mg/l] - 5000 years

05% of values less than 0.05
10% of values less than 0.05
25% of values less than 0.05
50% of values less than 0.05
75% of values less than 0.05
90% of values less than 0.05
95% of values less than 0.05

Minimum 0.05	Maximum 0.05	
Mean 0.05	Standard Deviation 5.34981E-009	Variance 2.86205E-017

Concentration at Source [mg/l] - 7500 years

05% of values less than 0.05
10% of values less than 0.05
25% of values less than 0.05
50% of values less than 0.05
75% of values less than 0.05
90% of values less than 0.05
95% of values less than 0.05

Minimum 0.05	Maximum 0.05	
Mean 0.05	Standard Deviation 5.34981E-009	Variance 2.86205E-017

BH2A007S - Gamma HCH

Concentration at Source [mg/l] - 10000 years

05% of values less than 0.05

10% of values less than 0.05

25% of values less than 0.05

50% of values less than 0.05

75% of values less than 0.05

90% of values less than 0.05

95% of values less than 0.05

Minimum 0.05	Maximum 0.05	
Mean 0.05	Standard Deviation 5.34981E-009	Variance 2.86205E-017

BH2A007S - p p DDT

Concentration at Source [mg/l] - 1 years

05% of values less than 0.05
10% of values less than 0.05
25% of values less than 0.05
50% of values less than 0.05
75% of values less than 0.05
90% of values less than 0.05
95% of values less than 0.05

Minimum 0.05	Maximum 0.05	
Mean 0.05	Standard Deviation 5.34981E-009	Variance 2.86205E-017

Concentration at Source [mg/l] - 10 years

05% of values less than 0.05
10% of values less than 0.05
25% of values less than 0.05
50% of values less than 0.05
75% of values less than 0.05
90% of values less than 0.05
95% of values less than 0.05

Minimum 0.05	Maximum 0.05	
Mean 0.05	Standard Deviation 5.34981E-009	Variance 2.86205E-017

Concentration at Source [mg/l] - 100 years

05% of values less than 0.05
10% of values less than 0.05
25% of values less than 0.05
50% of values less than 0.05
75% of values less than 0.05
90% of values less than 0.05
95% of values less than 0.05

Minimum 0.05	Maximum 0.05	
Mean 0.05	Standard Deviation 5.34981E-009	Variance 2.86205E-017

Concentration at Source [mg/l] - 500 years

05% of values less than 0.05
10% of values less than 0.05
25% of values less than 0.05
50% of values less than 0.05
75% of values less than 0.05
90% of values less than 0.05
95% of values less than 0.05

Minimum 0.05	Maximum 0.05	
Mean 0.05	Standard Deviation 5.34981E-009	Variance 2.86205E-017

BH2A007S - p p DDT

Concentration at Source [mg/l] - 1000 years

05% of values less than 0.05
10% of values less than 0.05
25% of values less than 0.05
50% of values less than 0.05
75% of values less than 0.05
90% of values less than 0.05
95% of values less than 0.05

Minimum 0.05	Maximum 0.05	
Mean 0.05	Standard Deviation 5.34981E-009	Variance 2.86205E-017

Concentration at Source [mg/l] - 2500 years

05% of values less than 0.05
10% of values less than 0.05
25% of values less than 0.05
50% of values less than 0.05
75% of values less than 0.05
90% of values less than 0.05
95% of values less than 0.05

Minimum 0.05	Maximum 0.05	
Mean 0.05	Standard Deviation 5.34981E-009	Variance 2.86205E-017

Concentration at Source [mg/l] - 5000 years

05% of values less than 0.05
10% of values less than 0.05
25% of values less than 0.05
50% of values less than 0.05
75% of values less than 0.05
90% of values less than 0.05
95% of values less than 0.05

Minimum 0.05	Maximum 0.05	
Mean 0.05	Standard Deviation 5.34981E-009	Variance 2.86205E-017

Concentration at Source [mg/l] - 7500 years

05% of values less than 0.05
10% of values less than 0.05
25% of values less than 0.05
50% of values less than 0.05
75% of values less than 0.05
90% of values less than 0.05
95% of values less than 0.05

Minimum 0.05	Maximum 0.05	
Mean 0.05	Standard Deviation 5.34981E-009	Variance 2.86205E-017

BH2A007S - p p DDT

Concentration at Source [mg/l] - 10000 years

05% of values less than 0.05

10% of values less than 0.05

25% of values less than 0.05

50% of values less than 0.05

75% of values less than 0.05

90% of values less than 0.05

95% of values less than 0.05

Minimum 0.05	Maximum 0.05	
Mean 0.05	Standard Deviation 5.34981E-009	Variance 2.86205E-017

BH2A007S - Gamma HCH

Unretarded Travel Time to Base of Unsaturated Zone [years]

05% of values less than 14.0806
10% of values less than 17.7171
25% of values less than 25.1938
50% of values less than 44.5233
75% of values less than 78.1773
90% of values less than 113.988
95% of values less than 144.346

Minimum 8.45942	Maximum 261.838	
Mean 57.1785	Standard Deviation 41.4863	Variance 1721.12

Retarded Travel Time to Base of Unsaturated Zone [years]

05% of values less than 12640.8
10% of values less than 15351.4
25% of values less than 24682.6
50% of values less than 43817.4
75% of values less than 81526.7
90% of values less than 127051
95% of values less than 161179

Minimum 4402.72	Maximum 419675	
Mean 61353.4	Standard Deviation 53519.9	Variance 2.86438E+009

BH2A007S - p p DDT

Unretarded Travel Time to Base of Unsaturated Zone [years]

05% of values less than 14.0806
10% of values less than 17.7171
25% of values less than 25.1938
50% of values less than 44.5233
75% of values less than 78.1773
90% of values less than 113.988
95% of values less than 144.346

Minimum 8.45942	Maximum 261.838	
Mean 57.1785	Standard Deviation 41.4863	Variance 1721.12

Retarded Travel Time to Base of Unsaturated Zone [years]

05% of values less than 394616
10% of values less than 501159
25% of values less than 729943
50% of values less than 1.06873E+006
75% of values less than 1.54955E+006
90% of values less than 2.02586E+006
95% of values less than 2.39973E+006

Minimum 183671	Maximum 3.79388E+006	
Mean 1.18993E+006	Standard Deviation 624790	Variance 3.90362E+011

BH2A007S - Gamma HCH

Concentration at Base of Unsaturated Zone [mg/l] - 1 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at Base of Unsaturated Zone [mg/l] - 10 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at Base of Unsaturated Zone [mg/l] - 100 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at Base of Unsaturated Zone [mg/l] - 500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

BH2A007S - Gamma HCH

Concentration at Base of Unsaturated Zone [mg/l] - 1000 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at Base of Unsaturated Zone [mg/l] - 2500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at Base of Unsaturated Zone [mg/l] - 5000 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0.00460907	
Mean 5.60168E-006	Standard Deviation 0.000149025	Variance 2.22086E-008

Concentration at Base of Unsaturated Zone [mg/l] - 7500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0.00621547	
Mean 1.8929E-005	Standard Deviation 0.000279254	Variance 7.79827E-008

BH2A007S - Gamma HCH

Concentration at Base of Unsaturated Zone [mg/l] - 10000 years

05% of values less than 0

10% of values less than 0

25% of values less than 0

50% of values less than 0

75% of values less than 0

90% of values less than 0

95% of values less than 0

Minimum 0	Maximum 0.00914232	
Mean 7.32243E-005	Standard Deviation 0.000623425	Variance 3.88659E-007

BH2A007S - p p DDT

Concentration at Base of Unsaturated Zone [mg/l] - 1 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at Base of Unsaturated Zone [mg/l] - 10 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at Base of Unsaturated Zone [mg/l] - 100 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at Base of Unsaturated Zone [mg/l] - 500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

BH2A007S - p p DDT

Concentration at Base of Unsaturated Zone [mg/l] - 1000 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at Base of Unsaturated Zone [mg/l] - 2500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at Base of Unsaturated Zone [mg/l] - 5000 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at Base of Unsaturated Zone [mg/l] - 7500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

BH2A007S - p p DDT

Concentration at Base of Unsaturated Zone [mg/l] - 10000 years

05% of values less than 0

10% of values less than 0

25% of values less than 0

50% of values less than 0

75% of values less than 0

90% of values less than 0

95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

BH2A007S - Gamma HCH

Diluted Concentration [mg/l] - 1 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Diluted Concentration [mg/l] - 10 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Diluted Concentration [mg/l] - 100 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Diluted Concentration [mg/l] - 500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

BH2A007S - Gamma HCH

Diluted Concentration [mg/l] - 1000 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Diluted Concentration [mg/l] - 2500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Diluted Concentration [mg/l] - 5000 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0.00325707	
Mean 3.91078E-006	Standard Deviation 0.000105003	Variance 1.10257E-008

Diluted Concentration [mg/l] - 7500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0.00366894	
Mean 1.35351E-005	Standard Deviation 0.000189373	Variance 3.5862E-008

BH2A007S - Gamma HCH

Diluted Concentration [mg/l] - 10000 years

05% of values less than 0

10% of values less than 0

25% of values less than 0

50% of values less than 0

75% of values less than 0

90% of values less than 0

95% of values less than 0

Minimum 0	Maximum 0.00654722	
Mean 5.41414E-005	Standard Deviation 0.000448909	Variance 2.01519E-007

BH2A007S - p p DDT

Diluted Concentration [mg/l] - 1 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Diluted Concentration [mg/l] - 10 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Diluted Concentration [mg/l] - 100 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Diluted Concentration [mg/l] - 500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

BH2A007S - p p DDT

Diluted Concentration [mg/l] - 1000 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Diluted Concentration [mg/l] - 2500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Diluted Concentration [mg/l] - 5000 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Diluted Concentration [mg/l] - 7500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

BH2A007S - p p DDT

Diluted Concentration [mg/l] - 10000 years

05% of values less than 0

10% of values less than 0

25% of values less than 0

50% of values less than 0

75% of values less than 0

90% of values less than 0

95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Project: Biocide Risk Assessment

Project Number: JER3996

Source Inventory:

Gamma HCH

Aquifer Source Concentration [mg/l] SINGLE(7.3)

p p DDT

Aquifer Source Concentration [mg/l] SINGLE(1)

BH2A010D(G) - Gamma HCH

Unretarded Travel Time to BH2A010D(G) Receptor [years]

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 274.837
90% of values less than 811.317
95% of values less than 1303.8

Minimum 0	Maximum 4148.72	
Mean 250.79	Standard Deviation 474.009	Variance 224685

Retarded Travel Time to BH2A010D(G) Receptor [years]

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 87352.6
90% of values less than 304591
95% of values less than 550661

Minimum 0	Maximum 2.99265E+006	
Mean 104835	Standard Deviation 266529	Variance 7.1038E+010

BH2A010D(G) - p p DDT

Unretarded Travel Time to BH2A010D(G) Receptor [years]

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 274.837
90% of values less than 811.317
95% of values less than 1303.8

Minimum 0	Maximum 4148.72	
Mean 250.79	Standard Deviation 474.009	Variance 224685

Retarded Travel Time to BH2A010D(G) Receptor [years]

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 2.10178E+006
90% of values less than 5.95675E+006
95% of values less than 9.81946E+006

Minimum 0	Maximum 2.92141E+007	
Mean 1.86733E+006	Standard Deviation 3.7492E+006	Variance 1.40565E+013

BH2A010D(G) - Gamma HCH

Concentration at BH2A010D(G) Receptor [mg/l] - 1 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 7.3
75% of values less than 7.3
90% of values less than 7.3
95% of values less than 7.3

Minimum 0	Maximum 7.3	
Mean 3.74845	Standard Deviation 3.6505	Variance 13.3261

Concentration at BH2A010D(G) Receptor [mg/l] - 10 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 7.3
75% of values less than 7.3
90% of values less than 7.3
95% of values less than 7.3

Minimum 0	Maximum 7.3	
Mean 3.74845	Standard Deviation 3.6505	Variance 13.3261

Concentration at BH2A010D(G) Receptor [mg/l] - 100 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 7.3
75% of values less than 7.3
90% of values less than 7.3
95% of values less than 7.3

Minimum 0	Maximum 7.3	
Mean 3.74845	Standard Deviation 3.6505	Variance 13.3261

Concentration at BH2A010D(G) Receptor [mg/l] - 500 years

05% of values less than 0
10% of values less than 0
25% of values less than 4.27539E-019
50% of values less than 7.3
75% of values less than 7.3
90% of values less than 7.3
95% of values less than 7.3

Minimum 0	Maximum 7.3	
Mean 3.74845	Standard Deviation 3.6505	Variance 13.3261

BH2A010D(G) - Gamma HCH

Concentration at BH2A010D(G) Receptor [mg/l] - 1000 years

05% of values less than 4.77803E-030
10% of values less than 2.32981E-022
25% of values less than 2.64855E-015
50% of values less than 7.3
75% of values less than 7.3
90% of values less than 7.3
95% of values less than 7.3

Minimum 0	Maximum 7.3	
Mean 3.74852	Standard Deviation 3.65042	Variance 13.3256

Concentration at BH2A010D(G) Receptor [mg/l] - 2500 years

05% of values less than 4.85016E-019
10% of values less than 7.68965E-016
25% of values less than 4.75923E-013
50% of values less than 7.3
75% of values less than 7.3
90% of values less than 7.3
95% of values less than 7.3

Minimum 0	Maximum 7.3	
Mean 3.75082	Standard Deviation 3.64816	Variance 13.3091

Concentration at BH2A010D(G) Receptor [mg/l] - 5000 years

05% of values less than 3.22029E-015
10% of values less than 1.17117E-013
25% of values less than 5.02032E-012
50% of values less than 7.3
75% of values less than 7.3
90% of values less than 7.3
95% of values less than 7.3

Minimum 4.83147E-028	Maximum 7.3	
Mean 3.7602	Standard Deviation 3.63978	Variance 13.248

Concentration at BH2A010D(G) Receptor [mg/l] - 7500 years

05% of values less than 6.44933E-014
10% of values less than 6.325E-013
25% of values less than 4.02548E-009
50% of values less than 7.3
75% of values less than 7.3
90% of values less than 7.3
95% of values less than 7.3

Minimum 1.16427E-022	Maximum 7.3	
Mean 3.77278	Standard Deviation 3.62937	Variance 13.1724

BH2A010D(G) - Gamma HCH

Concentration at BH2A010D(G) Receptor [mg/l] - 10000 years

05% of values less than 2.92932E-013

10% of values less than 1.62432E-012

25% of values less than 6.18304E-007

50% of values less than 7.3

75% of values less than 7.3

90% of values less than 7.3

95% of values less than 7.3

Minimum 5.94125E-020	Maximum 7.3	
Mean 3.7868	Standard Deviation 3.61818	Variance 13.0913

BH2A010D(G) - p p DDT

Concentration at BH2A010D(G) Receptor [mg/l] - 1 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 1
75% of values less than 1
90% of values less than 1
95% of values less than 1

Minimum 0	Maximum 1	
Mean 0.513487	Standard Deviation 0.500068	Variance 0.250068

Concentration at BH2A010D(G) Receptor [mg/l] - 10 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 1
75% of values less than 1
90% of values less than 1
95% of values less than 1

Minimum 0	Maximum 1	
Mean 0.513487	Standard Deviation 0.500068	Variance 0.250068

Concentration at BH2A010D(G) Receptor [mg/l] - 100 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 1
75% of values less than 1
90% of values less than 1
95% of values less than 1

Minimum 0	Maximum 1	
Mean 0.513487	Standard Deviation 0.500068	Variance 0.250068

Concentration at BH2A010D(G) Receptor [mg/l] - 500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 1
75% of values less than 1
90% of values less than 1
95% of values less than 1

Minimum 0	Maximum 1	
Mean 0.513487	Standard Deviation 0.500068	Variance 0.250068

BH2A010D(G) - p p DDT

Concentration at BH2A010D(G) Receptor [mg/l] - 1000 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 1
75% of values less than 1
90% of values less than 1
95% of values less than 1

Minimum 0	Maximum 1	
Mean 0.513487	Standard Deviation 0.500068	Variance 0.250068

Concentration at BH2A010D(G) Receptor [mg/l] - 2500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 1
75% of values less than 1
90% of values less than 1
95% of values less than 1

Minimum 0	Maximum 1	
Mean 0.513487	Standard Deviation 0.500068	Variance 0.250068

Concentration at BH2A010D(G) Receptor [mg/l] - 5000 years

05% of values less than 0
10% of values less than 0
25% of values less than 1.53966E-029
50% of values less than 1
75% of values less than 1
90% of values less than 1
95% of values less than 1

Minimum 0	Maximum 1	
Mean 0.513487	Standard Deviation 0.500068	Variance 0.250068

Concentration at BH2A010D(G) Receptor [mg/l] - 7500 years

05% of values less than 0
10% of values less than 0
25% of values less than 6.74197E-024
50% of values less than 1
75% of values less than 1
90% of values less than 1
95% of values less than 1

Minimum 0	Maximum 1	
Mean 0.513487	Standard Deviation 0.500068	Variance 0.250068

BH2A010D(G) - p p DDT

Concentration at BH2A010D(G) Receptor [mg/l] - 10000 years

05% of values less than 0

10% of values less than 0

25% of values less than 4.88621E-021

50% of values less than 1

75% of values less than 1

90% of values less than 1

95% of values less than 1

Minimum 0	Maximum 1	
Mean 0.513487	Standard Deviation 0.500068	Variance 0.250068

BH2A010D(G) - Gamma HCH

Unretarded Travel Time to BH2A023D Receptor [years]

05% of values less than 1232.89
10% of values less than 1546.76
25% of values less than 2406.68
50% of values less than 4781.75
75% of values less than 9648.41
90% of values less than 14356.5
95% of values less than 16798.8

Minimum 541.168	Maximum 32046.8	
Mean 6604.42	Standard Deviation 5330.14	Variance 2.84104E+007

Retarded Travel Time to BH2A023D Receptor [years]

05% of values less than 188544
10% of values less than 296076
25% of values less than 602108
50% of values less than 1.47109E+006
75% of values less than 3.14816E+006
90% of values less than 6.26426E+006
95% of values less than 9.44452E+006

Minimum 47125.8	Maximum 2.44571E+007	
Mean 2.63084E+006	Standard Deviation 3.30039E+006	Variance 1.08926E+013

BH2A010D(G) - p p DDT

Unretarded Travel Time to BH2A023D Receptor [years]

05% of values less than 1232.89
10% of values less than 1546.76
25% of values less than 2406.68
50% of values less than 4781.75
75% of values less than 9648.41
90% of values less than 14356.5
95% of values less than 16798.8

Minimum 541.168	Maximum 32046.8	
Mean 6604.42	Standard Deviation 5330.14	Variance 2.84104E+007

Retarded Travel Time to BH2A023D Receptor [years]

05% of values less than 6.1477E+006
10% of values less than 8.96416E+006
25% of values less than 1.66637E+007
50% of values less than 3.40902E+007
75% of values less than 6.46062E+007
90% of values less than 1.08712E+008
95% of values less than 1.38115E+008

Minimum 2.5966E+006	Maximum 2.54899E+008	
Mean 4.791E+007	Standard Deviation 4.33251E+007	Variance 1.87707E+015

BH2A010D(G) - Gamma HCH

Concentration at BH2A023D Receptor [mg/l] - 1 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A023D Receptor [mg/l] - 10 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A023D Receptor [mg/l] - 100 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A023D Receptor [mg/l] - 500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 4.90341E-025	
Mean 5.68808E-028	Standard Deviation 1.55869E-026	Variance 2.42953E-052

BH2A010D(G) - Gamma HCH

Concentration at BH2A023D Receptor [mg/l] - 1000 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 1.45686E-028

Minimum 0	Maximum 3.77604E-023	
Mean 8.3481E-026	Standard Deviation 1.36816E-024	Variance 1.87186E-048

Concentration at BH2A023D Receptor [mg/l] - 2500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 6.24914E-026
95% of values less than 4.9391E-024

Minimum 0	Maximum 1.15881E-020	
Mean 2.31405E-023	Standard Deviation 4.01627E-022	Variance 1.61304E-043

Concentration at BH2A023D Receptor [mg/l] - 5000 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 2.5994E-026
90% of values less than 2.50676E-023
95% of values less than 3.40579E-022

Minimum 0	Maximum 1.1855E-016	
Mean 1.21629E-019	Standard Deviation 3.74758E-018	Variance 1.40444E-035

Concentration at BH2A023D Receptor [mg/l] - 7500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 1.82527E-029
75% of values less than 8.31091E-025
90% of values less than 2.4132E-022
95% of values less than 2.67721E-021

Minimum 0	Maximum 1.54853E-014	
Mean 1.71825E-017	Standard Deviation 4.90834E-016	Variance 2.40918E-031

BH2A010D(G) - Gamma HCH

Concentration at BH2A023D Receptor [mg/l] - 10000 years

05% of values less than 0

10% of values less than 0

25% of values less than 0

50% of values less than 1.88661E-027

75% of values less than 6.32402E-024

90% of values less than 1.18792E-021

95% of values less than 8.04029E-021

Minimum 0	Maximum 1.79923E-013	
Mean 2.24976E-016	Standard Deviation 5.75953E-015	Variance 3.31722E-029

BH2A010D(G) - p p DDT

Concentration at BH2A023D Receptor [mg/l] - 1 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A023D Receptor [mg/l] - 10 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A023D Receptor [mg/l] - 100 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A023D Receptor [mg/l] - 500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

BH2A010D(G) - p p DDT

Concentration at BH2A023D Receptor [mg/l] - 1000 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A023D Receptor [mg/l] - 2500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A023D Receptor [mg/l] - 5000 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A023D Receptor [mg/l] - 7500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

BH2A010D(G) - p p DDT

Concentration at BH2A023D Receptor [mg/l] - 10000 years

05% of values less than 0

10% of values less than 0

25% of values less than 0

50% of values less than 0

75% of values less than 0

90% of values less than 0

95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

BH2A010D(G) - Gamma HCH

Unretarded Travel Time to BH2A002D Receptor [years]

05% of values less than 0
10% of values less than 0
25% of values less than 31.4028
50% of values less than 323.737
75% of values less than 910.103
90% of values less than 1880.88
95% of values less than 2580.92

Minimum 0	Maximum 7009.1	
Mean 667.969	Standard Deviation 908.603	Variance 825559

Retarded Travel Time to BH2A002D Receptor [years]

05% of values less than 0
10% of values less than 0
25% of values less than 7267.93
50% of values less than 81550.7
75% of values less than 282558
90% of values less than 722634
95% of values less than 1.18814E+006

Minimum 0	Maximum 4.88861E+006	
Mean 267901	Standard Deviation 507010	Variance 2.57059E+011

BH2A010D(G) - p p DDT

Unretarded Travel Time to BH2A002D Receptor [years]

05% of values less than 0
10% of values less than 0
25% of values less than 31.4028
50% of values less than 323.737
75% of values less than 910.103
90% of values less than 1880.88
95% of values less than 2580.92

Minimum 0	Maximum 7009.1	
Mean 667.969	Standard Deviation 908.603	Variance 825559

Retarded Travel Time to BH2A002D Receptor [years]

05% of values less than 0
10% of values less than 0
25% of values less than 195395
50% of values less than 2.1149E+006
75% of values less than 6.1648E+006
90% of values less than 1.34573E+007
95% of values less than 1.94942E+007

Minimum 0	Maximum 5.03305E+007	
Mean 4.86419E+006	Standard Deviation 7.12027E+006	Variance 5.06982E+013

BH2A010D(G) - Gamma HCH

Concentration at BH2A002D Receptor [mg/l] - 1 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 7.3
95% of values less than 7.3

Minimum 0	Maximum 7.3	
Mean 1.63357	Standard Deviation 3.04397	Variance 9.26575

Concentration at BH2A002D Receptor [mg/l] - 10 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 7.3
95% of values less than 7.3

Minimum 0	Maximum 7.3	
Mean 1.63357	Standard Deviation 3.04397	Variance 9.26575

Concentration at BH2A002D Receptor [mg/l] - 100 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 7.3
95% of values less than 7.3

Minimum 0	Maximum 7.3	
Mean 1.63357	Standard Deviation 3.04397	Variance 9.26575

Concentration at BH2A002D Receptor [mg/l] - 500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 7.3
95% of values less than 7.3

Minimum 0	Maximum 7.3	
Mean 1.63357	Standard Deviation 3.04397	Variance 9.26575

BH2A010D(G) - Gamma HCH

Concentration at BH2A002D Receptor [mg/l] - 1000 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 7.3
95% of values less than 7.3

Minimum 0	Maximum 7.3	
Mean 1.63357	Standard Deviation 3.04397	Variance 9.26575

Concentration at BH2A002D Receptor [mg/l] - 2500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 7.3
95% of values less than 7.3

Minimum 0	Maximum 7.3	
Mean 1.63357	Standard Deviation 3.04397	Variance 9.26575

Concentration at BH2A002D Receptor [mg/l] - 5000 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 7.3
95% of values less than 7.3

Minimum 0	Maximum 7.3	
Mean 1.63357	Standard Deviation 3.04397	Variance 9.26575

Concentration at BH2A002D Receptor [mg/l] - 7500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 7.3
95% of values less than 7.3

Minimum 0	Maximum 7.3	
Mean 1.63357	Standard Deviation 3.04397	Variance 9.26575

BH2A010D(G) - Gamma HCH

Concentration at BH2A002D Receptor [mg/l] - 10000 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 7.3
95% of values less than 7.3

Minimum 0	Maximum 7.3	
Mean 1.63357	Standard Deviation 3.04397	Variance 9.26575

BH2A010D(G) - p p DDT

Concentration at BH2A002D Receptor [mg/l] - 1 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 1
95% of values less than 1

Minimum 0	Maximum 1	
Mean 0.223776	Standard Deviation 0.416982	Variance 0.173874

Concentration at BH2A002D Receptor [mg/l] - 10 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 1
95% of values less than 1

Minimum 0	Maximum 1	
Mean 0.223776	Standard Deviation 0.416982	Variance 0.173874

Concentration at BH2A002D Receptor [mg/l] - 100 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 1
95% of values less than 1

Minimum 0	Maximum 1	
Mean 0.223776	Standard Deviation 0.416982	Variance 0.173874

Concentration at BH2A002D Receptor [mg/l] - 500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 1
95% of values less than 1

Minimum 0	Maximum 1	
Mean 0.223776	Standard Deviation 0.416982	Variance 0.173874

BH2A010D(G) - p p DDT

Concentration at BH2A002D Receptor [mg/l] - 1000 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 1
95% of values less than 1

Minimum 0	Maximum 1	
Mean 0.223776	Standard Deviation 0.416982	Variance 0.173874

Concentration at BH2A002D Receptor [mg/l] - 2500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 1
95% of values less than 1

Minimum 0	Maximum 1	
Mean 0.223776	Standard Deviation 0.416982	Variance 0.173874

Concentration at BH2A002D Receptor [mg/l] - 5000 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 1
95% of values less than 1

Minimum 0	Maximum 1	
Mean 0.223776	Standard Deviation 0.416982	Variance 0.173874

Concentration at BH2A002D Receptor [mg/l] - 7500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 1
95% of values less than 1

Minimum 0	Maximum 1	
Mean 0.223776	Standard Deviation 0.416982	Variance 0.173874

BH2A010D(G) - p p DDT

Concentration at BH2A002D Receptor [mg/l] - 10000 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 1
95% of values less than 1

Minimum 0	Maximum 1	
Mean 0.223776	Standard Deviation 0.416982	Variance 0.173874

BH2A010D(G) - Gamma HCH

Unretarded Travel Time to AWE(B) Abstraction [years]

05% of values less than 1912.33
10% of values less than 2359.12
25% of values less than 3687.5
50% of values less than 7326.09
75% of values less than 14740.1
90% of values less than 21752.5
95% of values less than 26340.7

Minimum 886.329	Maximum 46730.4	
Mean 10119.5	Standard Deviation 8114.75	Variance 6.58492E+007

Retarded Travel Time to AWE(B) Abstraction [years]

05% of values less than 292559
10% of values less than 462325
25% of values less than 941102
50% of values less than 2.24286E+006
75% of values less than 4.91389E+006
90% of values less than 9.65684E+006
95% of values less than 1.4425E+007

Minimum 74607.6	Maximum 3.61596E+007	
Mean 4.0305E+006	Standard Deviation 5.04323E+006	Variance 2.54341E+013

BH2A010D(G) - p p DDT

Unretarded Travel Time to AWE(B) Abstraction [years]

05% of values less than 1912.33
10% of values less than 2359.12
25% of values less than 3687.5
50% of values less than 7326.09
75% of values less than 14740.1
90% of values less than 21752.5
95% of values less than 26340.7

Minimum 886.329	Maximum 46730.4	
Mean 10119.5	Standard Deviation 8114.75	Variance 6.58492E+007

Retarded Travel Time to AWE(B) Abstraction [years]

05% of values less than 9.39224E+006
10% of values less than 1.34622E+007
25% of values less than 2.54534E+007
50% of values less than 5.18931E+007
75% of values less than 1.00362E+008
90% of values less than 1.66466E+008
95% of values less than 2.08949E+008

Minimum 3.91653E+006	Maximum 3.7487E+008	
Mean 7.3403E+007	Standard Deviation 6.61162E+007	Variance 4.37135E+015

BH2A010D(G) - Gamma HCH

Concentration at AWE(B) Abstraction [mg/l] - 1 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at AWE(B) Abstraction [mg/l] - 10 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at AWE(B) Abstraction [mg/l] - 100 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at AWE(B) Abstraction [mg/l] - 500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

BH2A010D(G) - Gamma HCH

Concentration at AWE(B) Abstraction [mg/l] - 1000 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at AWE(B) Abstraction [mg/l] - 2500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at AWE(B) Abstraction [mg/l] - 5000 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at AWE(B) Abstraction [mg/l] - 7500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

BH2A010D(G) - Gamma HCH

Concentration at AWE(B) Abstraction [mg/l] - 10000 years

05% of values less than 0

10% of values less than 0

25% of values less than 0

50% of values less than 0

75% of values less than 0

90% of values less than 0

95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

BH2A010D(G) - p p DDT

Concentration at AWE(B) Abstraction [mg/l] - 1 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at AWE(B) Abstraction [mg/l] - 10 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at AWE(B) Abstraction [mg/l] - 100 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at AWE(B) Abstraction [mg/l] - 500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

BH2A010D(G) - p p DDT

Concentration at AWE(B) Abstraction [mg/l] - 1000 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at AWE(B) Abstraction [mg/l] - 2500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at AWE(B) Abstraction [mg/l] - 5000 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at AWE(B) Abstraction [mg/l] - 7500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

BH2A010D(G) - p p DDT

Concentration at AWE(B) Abstraction [mg/l] - 10000 years

05% of values less than 0

10% of values less than 0

25% of values less than 0

50% of values less than 0

75% of values less than 0

90% of values less than 0

95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

BH2A010D(G) - Gamma HCH

Unretarded Travel Time to BH2A010D(G) boundary [years]

05% of values less than 9322.97
10% of values less than 11280.1
25% of values less than 17787.9
50% of values less than 36010.4
75% of values less than 71670.9
90% of values less than 105825
95% of values less than 130807

Minimum 4714.93	Maximum 213352	
Mean 49109.6	Standard Deviation 39222.2	Variance 1.53838E+009

Retarded Travel Time to BH2A010D(G) boundary [years]

05% of values less than 1.41981E+006
10% of values less than 2.19417E+006
25% of values less than 4.66459E+006
50% of values less than 1.07138E+007
75% of values less than 2.36693E+007
90% of values less than 4.72898E+007
95% of values less than 7.01944E+007

Minimum 375406	Maximum 1.7768E+008	
Mean 1.95558E+007	Standard Deviation 2.44765E+007	Variance 5.99098E+014

BH2A010D(G) - p p DDT

Unretarded Travel Time to BH2A010D(G) boundary [years]

05% of values less than 9322.97
10% of values less than 11280.1
25% of values less than 17787.9
50% of values less than 36010.4
75% of values less than 71670.9
90% of values less than 105825
95% of values less than 130807

Minimum 4714.93	Maximum 213352	
Mean 49109.6	Standard Deviation 39222.2	Variance 1.53838E+009

Retarded Travel Time to BH2A010D(G) boundary [years]

05% of values less than 4.5302E+007
10% of values less than 6.64861E+007
25% of values less than 1.20792E+008
50% of values less than 2.56713E+008
75% of values less than 4.83637E+008
90% of values less than 8.16585E+008
95% of values less than 1.05219E+009

Minimum 1.79761E+007	Maximum 1.84447E+009	
Mean 3.56177E+008	Standard Deviation 3.20587E+008	Variance 1.02776E+017

BH2A010D(G) - Gamma HCH

Concentration at BH2A010D(G) boundary [mg/l] - 1 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A010D(G) boundary [mg/l] - 10 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A010D(G) boundary [mg/l] - 100 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A010D(G) boundary [mg/l] - 500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

BH2A010D(G) - Gamma HCH

Concentration at BH2A010D(G) boundary [mg/l] - 1000 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A010D(G) boundary [mg/l] - 2500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A010D(G) boundary [mg/l] - 5000 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 3.89143E-022	
Mean 7.34163E-025	Standard Deviation 1.64274E-023	Variance 2.69858E-046

Concentration at BH2A010D(G) boundary [mg/l] - 7500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 3.47964E-017	
Mean 6.99445E-020	Standard Deviation 1.54169E-018	Variance 2.37681E-036

BH2A010D(G) - Gamma HCH

Concentration at BH2A010D(G) boundary [mg/l] - 10000 years

05% of values less than 0

10% of values less than 0

25% of values less than 0

50% of values less than 0

75% of values less than 0

90% of values less than 0

95% of values less than 0

Minimum 0	Maximum 7.6242E-015	
Mean 1.59522E-017	Standard Deviation 3.373E-016	Variance 1.13771E-031

BH2A010D(G) - p p DDT

Concentration at BH2A010D(G) boundary [mg/l] - 1 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A010D(G) boundary [mg/l] - 10 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A010D(G) boundary [mg/l] - 100 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A010D(G) boundary [mg/l] - 500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

BH2A010D(G) - p p DDT

Concentration at BH2A010D(G) boundary [mg/l] - 1000 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A010D(G) boundary [mg/l] - 2500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A010D(G) boundary [mg/l] - 5000 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A010D(G) boundary [mg/l] - 7500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

BH2A010D(G) - p p DDT

Concentration at BH2A010D(G) boundary [mg/l] - 10000 years

05% of values less than 0

10% of values less than 0

25% of values less than 0

50% of values less than 0

75% of values less than 0

90% of values less than 0

95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

BH2A010D(G) - Gamma HCH

Unretarded Travel Time to BH2A002D boundary [years]

05% of values less than 10881.6
10% of values less than 13214.6
25% of values less than 20818.6
50% of values less than 42194
75% of values less than 84149.9
90% of values less than 123972
95% of values less than 153524

Minimum 5540.2	Maximum 249761	
Mean 57514.1	Standard Deviation 45933.7	Variance 2.10991E+009

Retarded Travel Time to BH2A002D boundary [years]

05% of values less than 1.66131E+006
10% of values less than 2.57133E+006
25% of values less than 5.46129E+006
50% of values less than 1.25256E+007
75% of values less than 2.77201E+007
90% of values less than 5.53907E+007
95% of values less than 8.22198E+007

Minimum 438936	Maximum 2.08273E+008	
Mean 2.29023E+007	Standard Deviation 2.86682E+007	Variance 8.21865E+014

BH2A010D(G) - p p DDT

Unretarded Travel Time to BH2A002D boundary [years]

05% of values less than 10881.6
10% of values less than 13214.6
25% of values less than 20818.6
50% of values less than 42194
75% of values less than 84149.9
90% of values less than 123972
95% of values less than 153524

Minimum 5540.2	Maximum 249761	
Mean 57514.1	Standard Deviation 45933.7	Variance 2.10991E+009

Retarded Travel Time to BH2A002D boundary [years]

05% of values less than 5.30424E+007
10% of values less than 7.76594E+007
25% of values less than 1.41587E+008
50% of values less than 3.00812E+008
75% of values less than 5.6734E+008
90% of values less than 9.5714E+008
95% of values less than 1.23454E+009

Minimum 2.10066E+007	Maximum 2.16577E+009	
Mean 4.1713E+008	Standard Deviation 3.75485E+008	Variance 1.40989E+017

BH2A010D(G) - Gamma HCH

Concentration at BH2A002D boundary [mg/l] - 1 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A002D boundary [mg/l] - 10 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A002D boundary [mg/l] - 100 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A002D boundary [mg/l] - 500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

BH2A010D(G) - Gamma HCH

Concentration at BH2A002D boundary [mg/l] - 1000 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A002D boundary [mg/l] - 2500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A002D boundary [mg/l] - 5000 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A002D boundary [mg/l] - 7500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

BH2A010D(G) - Gamma HCH

Concentration at BH2A002D boundary [mg/l] - 10000 years

05% of values less than 0

10% of values less than 0

25% of values less than 0

50% of values less than 0

75% of values less than 0

90% of values less than 0

95% of values less than 0

Minimum 0	Maximum 7.33127E-030	
Mean 1.06273E-032	Standard Deviation 2.54103E-031	Variance 6.45684E-062

BH2A010D(G) - p p DDT

Concentration at BH2A002D boundary [mg/l] - 1 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A002D boundary [mg/l] - 10 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A002D boundary [mg/l] - 100 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A002D boundary [mg/l] - 500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

BH2A010D(G) - p p DDT

Concentration at BH2A002D boundary [mg/l] - 1000 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A002D boundary [mg/l] - 2500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A002D boundary [mg/l] - 5000 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A002D boundary [mg/l] - 7500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

BH2A010D(G) - p p DDT

Concentration at BH2A002D boundary [mg/l] - 10000 years

05% of values less than 0

10% of values less than 0

25% of values less than 0

50% of values less than 0

75% of values less than 0

90% of values less than 0

95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

BH2A010D(G) - Gamma HCH

Unretarded Travel Time to BH2A023D boundary [years]

05% of values less than 11846.3
10% of values less than 14411.9
25% of values less than 22694.4
50% of values less than 45990.2
75% of values less than 91760.8
90% of values less than 135378
95% of values less than 167584

Minimum 6050.99	Maximum 272296	
Mean 62715.9	Standard Deviation 50087.8	Variance 2.50879E+009

Retarded Travel Time to BH2A023D boundary [years]

05% of values less than 1.81079E+006
10% of values less than 2.80477E+006
25% of values less than 5.95439E+006
50% of values less than 1.36765E+007
75% of values less than 3.02419E+007
90% of values less than 6.0419E+007
95% of values less than 8.96627E+007

Minimum 478257	Maximum 2.27207E+008	
Mean 2.49736E+007	Standard Deviation 3.12627E+007	Variance 9.77354E+014

BH2A010D(G) - p p DDT

Unretarded Travel Time to BH2A023D boundary [years]

05% of values less than 11846.3
10% of values less than 14411.9
25% of values less than 22694.4
50% of values less than 45990.2
75% of values less than 91760.8
90% of values less than 135378
95% of values less than 167584

Minimum 6050.99	Maximum 272296	
Mean 62715.9	Standard Deviation 50087.8	Variance 2.50879E+009

Retarded Travel Time to BH2A023D boundary [years]

05% of values less than 5.78333E+007
10% of values less than 8.45748E+007
25% of values less than 1.54458E+008
50% of values less than 3.27831E+008
75% of values less than 6.19147E+008
90% of values less than 1.04413E+009
95% of values less than 1.34636E+009

Minimum 2.28824E+007	Maximum 2.36463E+009	
Mean 4.54856E+008	Standard Deviation 4.09465E+008	Variance 1.67661E+017

BH2A010D(G) - Gamma HCH

Concentration at BH2A023D boundary [mg/l] - 1 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A023D boundary [mg/l] - 10 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A023D boundary [mg/l] - 100 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A023D boundary [mg/l] - 500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

BH2A010D(G) - Gamma HCH

Concentration at BH2A023D boundary [mg/l] - 1000 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A023D boundary [mg/l] - 2500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A023D boundary [mg/l] - 5000 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A023D boundary [mg/l] - 7500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 1.40535E-023	
Mean 2.50801E-026	Standard Deviation 5.64408E-025	Variance 3.18556E-049

BH2A010D(G) - Gamma HCH

Concentration at BH2A023D boundary [mg/l] - 10000 years

05% of values less than 0

10% of values less than 0

25% of values less than 0

50% of values less than 0

75% of values less than 0

90% of values less than 0

95% of values less than 0

Minimum 0	Maximum 1.18252E-019	
Mean 2.10888E-022	Standard Deviation 4.72567E-021	Variance 2.23319E-041

BH2A010D(G) - p p DDT

Concentration at BH2A023D boundary [mg/l] - 1 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A023D boundary [mg/l] - 10 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A023D boundary [mg/l] - 100 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A023D boundary [mg/l] - 500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

BH2A010D(G) - p p DDT

Concentration at BH2A023D boundary [mg/l] - 1000 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A023D boundary [mg/l] - 2500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A023D boundary [mg/l] - 5000 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A023D boundary [mg/l] - 7500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

BH2A010D(G) - p p DDT

Concentration at BH2A023D boundary [mg/l] - 10000 years

05% of values less than 0

10% of values less than 0

25% of values less than 0

50% of values less than 0

75% of values less than 0

90% of values less than 0

95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Source Inventory:

Gamma HCH
Aquifer Source Concentration [mg/l] SINGLE(7.3)

p p DDT
Aquifer Source Concentration [mg/l] SINGLE(1)

BH2A023D - Gamma HCH

Unretarded Travel Time to BH2A010D(G) Receptor [years]

05% of values less than 1E+006
10% of values less than 1E+006
25% of values less than 1E+006
50% of values less than 1E+006
75% of values less than 1E+006
90% of values less than 1E+006
95% of values less than 1E+006

Minimum 1E+006	Maximum 1E+006	
Mean 1E+006	Standard Deviation 0	Variance 0

Retarded Travel Time to BH2A010D(G) Receptor [years]

05% of values less than 7.07752E+007
10% of values less than 9.8682E+007
25% of values less than 1.60537E+008
50% of values less than 2.9305E+008
75% of values less than 5.63383E+008
90% of values less than 8.97387E+008
95% of values less than 1.12394E+009

Minimum 1.83352E+007	Maximum 2.72027E+009	
Mean 4.16483E+008	Standard Deviation 3.72043E+008	Variance 1.38416E+017

BH2A023D - p p DDT

Unretarded Travel Time to BH2A010D(G) Receptor [years]

05% of values less than 1E+006
10% of values less than 1E+006
25% of values less than 1E+006
50% of values less than 1E+006
75% of values less than 1E+006
90% of values less than 1E+006
95% of values less than 1E+006

Minimum 1E+006	Maximum 1E+006	
Mean 1E+006	Standard Deviation 0	Variance 0

Retarded Travel Time to BH2A010D(G) Receptor [years]

05% of values less than 2.43601E+009
10% of values less than 3.16269E+009
25% of values less than 4.60371E+009
50% of values less than 7.12792E+009
75% of values less than 1.00933E+010
90% of values less than 1.34355E+010
95% of values less than 1.64051E+010

Minimum 8.48438E+008	Maximum 2.51917E+010	
Mean 7.82955E+009	Standard Deviation 4.26897E+009	Variance 1.82241E+019

BH2A023D - Gamma HCH

Concentration at BH2A010D(G) Receptor [mg/l] - 1 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A010D(G) Receptor [mg/l] - 10 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A010D(G) Receptor [mg/l] - 100 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A010D(G) Receptor [mg/l] - 500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

BH2A023D - Gamma HCH

Concentration at BH2A010D(G) Receptor [mg/l] - 1000 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A010D(G) Receptor [mg/l] - 2500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A010D(G) Receptor [mg/l] - 5000 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A010D(G) Receptor [mg/l] - 7500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

BH2A023D - Gamma HCH

Concentration at BH2A010D(G) Receptor [mg/l] - 10000 years

05% of values less than 0

10% of values less than 0

25% of values less than 0

50% of values less than 0

75% of values less than 0

90% of values less than 0

95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

BH2A023D - p p DDT

Concentration at BH2A010D(G) Receptor [mg/l] - 1 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A010D(G) Receptor [mg/l] - 10 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A010D(G) Receptor [mg/l] - 100 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A010D(G) Receptor [mg/l] - 500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

BH2A023D - p p DDT

Concentration at BH2A010D(G) Receptor [mg/l] - 1000 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A010D(G) Receptor [mg/l] - 2500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A010D(G) Receptor [mg/l] - 5000 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A010D(G) Receptor [mg/l] - 7500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

BH2A023D - p p DDT

Concentration at BH2A010D(G) Receptor [mg/l] - 10000 years

05% of values less than 0

10% of values less than 0

25% of values less than 0

50% of values less than 0

75% of values less than 0

90% of values less than 0

95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

BH2A023D - Gamma HCH

Unretarded Travel Time to BH2A023D Receptor [years]

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 243.879
90% of values less than 794.748
95% of values less than 1234.15

Minimum 0	Maximum 3817.16	
Mean 231.609	Standard Deviation 453.854	Variance 205983

Retarded Travel Time to BH2A023D Receptor [years]

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 74277.7
90% of values less than 261076
95% of values less than 411134

Minimum 0	Maximum 1.68844E+006	
Mean 81169.9	Standard Deviation 178184	Variance 3.17496E+010

BH2A023D - p p DDT

Unretarded Travel Time to BH2A023D Receptor [years]

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 243.879
90% of values less than 794.748
95% of values less than 1234.15

Minimum 0	Maximum 3817.16	
Mean 231.609	Standard Deviation 453.854	Variance 205983

Retarded Travel Time to BH2A023D Receptor [years]

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 1.96399E+006
90% of values less than 4.98519E+006
95% of values less than 8.00657E+006

Minimum 0	Maximum 2.38331E+007	
Mean 1.60382E+006	Standard Deviation 3.16398E+006	Variance 1.00108E+013

BH2A023D - Gamma HCH

Concentration at BH2A023D Receptor [mg/l] - 1 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 7.3
75% of values less than 7.3
90% of values less than 7.3
95% of values less than 7.3

Minimum 0	Maximum 7.3	
Mean 3.91618	Standard Deviation 3.6421	Variance 13.2649

Concentration at BH2A023D Receptor [mg/l] - 10 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 7.3
75% of values less than 7.3
90% of values less than 7.3
95% of values less than 7.3

Minimum 0	Maximum 7.3	
Mean 3.91618	Standard Deviation 3.6421	Variance 13.2649

Concentration at BH2A023D Receptor [mg/l] - 100 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 7.3
75% of values less than 7.3
90% of values less than 7.3
95% of values less than 7.3

Minimum 0	Maximum 7.3	
Mean 3.91618	Standard Deviation 3.6421	Variance 13.2649

Concentration at BH2A023D Receptor [mg/l] - 500 years

05% of values less than 0
10% of values less than 6.37839E-030
25% of values less than 2.37781E-018
50% of values less than 7.3
75% of values less than 7.3
90% of values less than 7.3
95% of values less than 7.3

Minimum 0	Maximum 7.3	
Mean 3.91618	Standard Deviation 3.6421	Variance 13.2649

BH2A023D - Gamma HCH

Concentration at BH2A023D Receptor [mg/l] - 1000 years

05% of values less than 7.1848E-027
10% of values less than 9.14958E-021
25% of values less than 5.3364E-015
50% of values less than 7.3
75% of values less than 7.3
90% of values less than 7.3
95% of values less than 7.3

Minimum 0	Maximum 7.3	
Mean 3.9162	Standard Deviation 3.64208	Variance 13.2648

Concentration at BH2A023D Receptor [mg/l] - 2500 years

05% of values less than 9.13428E-018
10% of values less than 2.70759E-015
25% of values less than 6.70491E-013
50% of values less than 7.3
75% of values less than 7.3
90% of values less than 7.3
95% of values less than 7.3

Minimum 0	Maximum 7.3	
Mean 3.91689	Standard Deviation 3.64136	Variance 13.2595

Concentration at BH2A023D Receptor [mg/l] - 5000 years

05% of values less than 1.05153E-014
10% of values less than 1.93241E-013
25% of values less than 1.08951E-011
50% of values less than 7.3
75% of values less than 7.3
90% of values less than 7.3
95% of values less than 7.3

Minimum 8.22527E-022	Maximum 7.3	
Mean 3.92099	Standard Deviation 3.63726	Variance 13.2297

Concentration at BH2A023D Receptor [mg/l] - 7500 years

05% of values less than 1.34418E-013
10% of values less than 9.25243E-013
25% of values less than 3.01099E-008
50% of values less than 7.3
75% of values less than 7.3
90% of values less than 7.3
95% of values less than 7.3

Minimum 1.54749E-018	Maximum 7.3	
Mean 3.92807	Standard Deviation 3.63047	Variance 13.1803

BH2A023D - Gamma HCH

Concentration at BH2A023D Receptor [mg/l] - 10000 years

05% of values less than 4.78415E-013

10% of values less than 2.1759E-012

25% of values less than 2.31775E-006

50% of values less than 7.3

75% of values less than 7.3

90% of values less than 7.3

95% of values less than 7.3

Minimum 6.96183E-017	Maximum 7.3	
Mean 3.93716	Standard Deviation 3.62202	Variance 13.119

BH2A023D - p p DDT

Concentration at BH2A023D Receptor [mg/l] - 1 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 1
75% of values less than 1
90% of values less than 1
95% of values less than 1

Minimum 0	Maximum 1	
Mean 0.536464	Standard Deviation 0.498918	Variance 0.248919

Concentration at BH2A023D Receptor [mg/l] - 10 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 1
75% of values less than 1
90% of values less than 1
95% of values less than 1

Minimum 0	Maximum 1	
Mean 0.536464	Standard Deviation 0.498918	Variance 0.248919

Concentration at BH2A023D Receptor [mg/l] - 100 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 1
75% of values less than 1
90% of values less than 1
95% of values less than 1

Minimum 0	Maximum 1	
Mean 0.536464	Standard Deviation 0.498918	Variance 0.248919

Concentration at BH2A023D Receptor [mg/l] - 500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 1
75% of values less than 1
90% of values less than 1
95% of values less than 1

Minimum 0	Maximum 1	
Mean 0.536464	Standard Deviation 0.498918	Variance 0.248919

BH2A023D - p p DDT

Concentration at BH2A023D Receptor [mg/l] - 1000 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 1
75% of values less than 1
90% of values less than 1
95% of values less than 1

Minimum 0	Maximum 1	
Mean 0.536464	Standard Deviation 0.498918	Variance 0.248919

Concentration at BH2A023D Receptor [mg/l] - 2500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 1
75% of values less than 1
90% of values less than 1
95% of values less than 1

Minimum 0	Maximum 1	
Mean 0.536464	Standard Deviation 0.498918	Variance 0.248919

Concentration at BH2A023D Receptor [mg/l] - 5000 years

05% of values less than 0
10% of values less than 0
25% of values less than 5.64057E-029
50% of values less than 1
75% of values less than 1
90% of values less than 1
95% of values less than 1

Minimum 0	Maximum 1	
Mean 0.536464	Standard Deviation 0.498918	Variance 0.248919

Concentration at BH2A023D Receptor [mg/l] - 7500 years

05% of values less than 0
10% of values less than 0
25% of values less than 1.69488E-023
50% of values less than 1
75% of values less than 1
90% of values less than 1
95% of values less than 1

Minimum 0	Maximum 1	
Mean 0.536464	Standard Deviation 0.498918	Variance 0.248919

BH2A023D - p p DDT

Concentration at BH2A023D Receptor [mg/l] - 10000 years

05% of values less than 0

10% of values less than 1.87508E-030

25% of values less than 1.0082E-020

50% of values less than 1

75% of values less than 1

90% of values less than 1

95% of values less than 1

Minimum 0	Maximum 1	
Mean 0.536464	Standard Deviation 0.498918	Variance 0.248919

BH2A023D - Gamma HCH

Unretarded Travel Time to BH2A002D Receptor [years]

05% of values less than 1E+006
10% of values less than 1E+006
25% of values less than 1E+006
50% of values less than 1E+006
75% of values less than 1E+006
90% of values less than 1E+006
95% of values less than 1E+006

Minimum 1E+006	Maximum 1E+006	
Mean 1E+006	Standard Deviation 0	Variance 0

Retarded Travel Time to BH2A002D Receptor [years]

05% of values less than 7.07752E+007
10% of values less than 9.8682E+007
25% of values less than 1.60537E+008
50% of values less than 2.9305E+008
75% of values less than 5.63383E+008
90% of values less than 8.97387E+008
95% of values less than 1.12394E+009

Minimum 1.83352E+007	Maximum 2.72027E+009	
Mean 4.16483E+008	Standard Deviation 3.72043E+008	Variance 1.38416E+017

BH2A023D - p p DDT

Unretarded Travel Time to BH2A002D Receptor [years]

05% of values less than 1E+006
10% of values less than 1E+006
25% of values less than 1E+006
50% of values less than 1E+006
75% of values less than 1E+006
90% of values less than 1E+006
95% of values less than 1E+006

Minimum 1E+006	Maximum 1E+006	
Mean 1E+006	Standard Deviation 0	Variance 0

Retarded Travel Time to BH2A002D Receptor [years]

05% of values less than 2.43601E+009
10% of values less than 3.16269E+009
25% of values less than 4.60371E+009
50% of values less than 7.12792E+009
75% of values less than 1.00933E+010
90% of values less than 1.34355E+010
95% of values less than 1.64051E+010

Minimum 8.48438E+008	Maximum 2.51917E+010	
Mean 7.82955E+009	Standard Deviation 4.26897E+009	Variance 1.82241E+019

BH2A023D - Gamma HCH

Concentration at BH2A002D Receptor [mg/l] - 1 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A002D Receptor [mg/l] - 10 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A002D Receptor [mg/l] - 100 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A002D Receptor [mg/l] - 500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

BH2A023D - Gamma HCH

Concentration at BH2A002D Receptor [mg/l] - 1000 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A002D Receptor [mg/l] - 2500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A002D Receptor [mg/l] - 5000 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A002D Receptor [mg/l] - 7500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

BH2A023D - Gamma HCH

Concentration at BH2A002D Receptor [mg/l] - 10000 years

05% of values less than 0

10% of values less than 0

25% of values less than 0

50% of values less than 0

75% of values less than 0

90% of values less than 0

95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

BH2A023D - p p DDT

Concentration at BH2A002D Receptor [mg/l] - 1 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A002D Receptor [mg/l] - 10 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A002D Receptor [mg/l] - 100 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A002D Receptor [mg/l] - 500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

BH2A023D - p p DDT

Concentration at BH2A002D Receptor [mg/l] - 1000 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A002D Receptor [mg/l] - 2500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A002D Receptor [mg/l] - 5000 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A002D Receptor [mg/l] - 7500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

BH2A023D - p p DDT

Concentration at BH2A002D Receptor [mg/l] - 10000 years

05% of values less than 0

10% of values less than 0

25% of values less than 0

50% of values less than 0

75% of values less than 0

90% of values less than 0

95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

BH2A023D - Gamma HCH

Unretarded Travel Time to AWE(B) Abstraction [years]

05% of values less than 621.477
10% of values less than 778.595
25% of values less than 1279.8
50% of values less than 2388.48
75% of values less than 4702.27
90% of values less than 7434.67
95% of values less than 9226.12

Minimum 345.588	Maximum 18320	
Mean 3396.41	Standard Deviation 2828.94	Variance 8.00291E+006

Retarded Travel Time to AWE(B) Abstraction [years]

05% of values less than 99064.8
10% of values less than 145062
25% of values less than 315856
50% of values less than 748001
75% of values less than 1.66123E+006
90% of values less than 3.29517E+006
95% of values less than 4.59806E+006

Minimum 25420.2	Maximum 1.24911E+007	
Mean 1.33899E+006	Standard Deviation 1.65978E+006	Variance 2.75486E+012

BH2A023D - p p DDT

Unretarded Travel Time to AWE(B) Abstraction [years]

05% of values less than 621.477
10% of values less than 778.595
25% of values less than 1279.8
50% of values less than 2388.48
75% of values less than 4702.27
90% of values less than 7434.67
95% of values less than 9226.12

Minimum 345.588	Maximum 18320	
Mean 3396.41	Standard Deviation 2828.94	Variance 8.00291E+006

Retarded Travel Time to AWE(B) Abstraction [years]

05% of values less than 3.07306E+006
10% of values less than 4.58536E+006
25% of values less than 8.46046E+006
50% of values less than 1.7619E+007
75% of values less than 3.32806E+007
90% of values less than 5.51681E+007
95% of values less than 6.98844E+007

Minimum 978089	Maximum 1.41204E+008	
Mean 2.45772E+007	Standard Deviation 2.26204E+007	Variance 5.11684E+014

BH2A023D - Gamma HCH

Concentration at AWE(B) Abstraction [mg/l] - 1 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at AWE(B) Abstraction [mg/l] - 10 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at AWE(B) Abstraction [mg/l] - 100 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at AWE(B) Abstraction [mg/l] - 500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

BH2A023D - Gamma HCH

Concentration at AWE(B) Abstraction [mg/l] - 1000 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at AWE(B) Abstraction [mg/l] - 2500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at AWE(B) Abstraction [mg/l] - 5000 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at AWE(B) Abstraction [mg/l] - 7500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

BH2A023D - Gamma HCH

Concentration at AWE(B) Abstraction [mg/l] - 10000 years

05% of values less than 0

10% of values less than 0

25% of values less than 0

50% of values less than 0

75% of values less than 0

90% of values less than 0

95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

BH2A023D - p p DDT

Concentration at AWE(B) Abstraction [mg/l] - 1 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at AWE(B) Abstraction [mg/l] - 10 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at AWE(B) Abstraction [mg/l] - 100 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at AWE(B) Abstraction [mg/l] - 500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

BH2A023D - p p DDT

Concentration at AWE(B) Abstraction [mg/l] - 1000 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at AWE(B) Abstraction [mg/l] - 2500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at AWE(B) Abstraction [mg/l] - 5000 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at AWE(B) Abstraction [mg/l] - 7500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

BH2A023D - p p DDT

Concentration at AWE(B) Abstraction [mg/l] - 10000 years

05% of values less than 0

10% of values less than 0

25% of values less than 0

50% of values less than 0

75% of values less than 0

90% of values less than 0

95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

BH2A023D - Gamma HCH

Unretarded Travel Time to BH2A010D(G) boundary [years]

05% of values less than 7975.6
10% of values less than 9681.99
25% of values less than 15484.3
50% of values less than 31182.1
75% of values less than 61861.3
90% of values less than 92071.7
95% of values less than 111862

Minimum 4252.54	Maximum 187231	
Mean 42386.5	Standard Deviation 33857.5	Variance 1.14633E+009

Retarded Travel Time to BH2A010D(G) boundary [years]

05% of values less than 1.22238E+006
10% of values less than 1.85961E+006
25% of values less than 3.99155E+006
50% of values less than 9.36291E+006
75% of values less than 2.01694E+007
90% of values less than 4.13226E+007
95% of values less than 6.03482E+007

Minimum 324365	Maximum 1.53829E+008	
Mean 1.68643E+007	Standard Deviation 2.107E+007	Variance 4.43945E+014

BH2A023D - p p DDT

Unretarded Travel Time to BH2A010D(G) boundary [years]

05% of values less than 7975.6
10% of values less than 9681.99
25% of values less than 15484.3
50% of values less than 31182.1
75% of values less than 61861.3
90% of values less than 92071.7
95% of values less than 111862

Minimum 4252.54	Maximum 187231	
Mean 42386.5	Standard Deviation 33857.5	Variance 1.14633E+009

Retarded Travel Time to BH2A010D(G) boundary [years]

05% of values less than 3.92054E+007
10% of values less than 5.68154E+007
25% of values less than 1.03675E+008
50% of values less than 2.23992E+008
75% of values less than 4.17936E+008
90% of values less than 7.08088E+008
95% of values less than 9.03161E+008

Minimum 1.50376E+007	Maximum 1.62086E+009	
Mean 3.07351E+008	Standard Deviation 2.76596E+008	Variance 7.65053E+016

BH2A023D - Gamma HCH

Concentration at BH2A010D(G) boundary [mg/l] - 1 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A010D(G) boundary [mg/l] - 10 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A010D(G) boundary [mg/l] - 100 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A010D(G) boundary [mg/l] - 500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

BH2A023D - Gamma HCH

Concentration at BH2A010D(G) boundary [mg/l] - 1000 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A010D(G) boundary [mg/l] - 2500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A010D(G) boundary [mg/l] - 5000 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 1.757E-021	
Mean 3.28989E-024	Standard Deviation 7.26779E-023	Variance 5.28207E-045

Concentration at BH2A010D(G) boundary [mg/l] - 7500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 8.95521E-018	
Mean 1.8575E-020	Standard Deviation 3.86631E-019	Variance 1.49483E-037

BH2A023D - Gamma HCH

Concentration at BH2A010D(G) boundary [mg/l] - 10000 years

05% of values less than 0

10% of values less than 0

25% of values less than 0

50% of values less than 0

75% of values less than 0

90% of values less than 0

95% of values less than 0

Minimum 0	Maximum 4.59126E-016	
Mean 1.08269E-018	Standard Deviation 2.0575E-017	Variance 4.23331E-034

BH2A023D - p p DDT

Concentration at BH2A010D(G) boundary [mg/l] - 1 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A010D(G) boundary [mg/l] - 10 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A010D(G) boundary [mg/l] - 100 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A010D(G) boundary [mg/l] - 500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

BH2A023D - p p DDT

Concentration at BH2A010D(G) boundary [mg/l] - 1000 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A010D(G) boundary [mg/l] - 2500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A010D(G) boundary [mg/l] - 5000 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A010D(G) boundary [mg/l] - 7500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

BH2A023D - p p DDT

Concentration at BH2A010D(G) boundary [mg/l] - 10000 years

05% of values less than 0

10% of values less than 0

25% of values less than 0

50% of values less than 0

75% of values less than 0

90% of values less than 0

95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

BH2A023D - Gamma HCH

Unretarded Travel Time to BH2A002D boundary [years]

05% of values less than 9527.86
10% of values less than 11556
25% of values less than 18478.1
50% of values less than 37425.7
75% of values less than 73893.7
90% of values less than 110213
95% of values less than 134397

Minimum 5077.82	Maximum 223640	
Mean 50791	Standard Deviation 40568.6	Variance 1.64581E+009

Retarded Travel Time to BH2A002D boundary [years]

05% of values less than 1.45897E+006
10% of values less than 2.23678E+006
25% of values less than 4.80082E+006
50% of values less than 1.1256E+007
75% of values less than 2.42131E+007
90% of values less than 4.95053E+007
95% of values less than 7.23236E+007

Minimum 387895	Maximum 1.84422E+008	
Mean 2.02108E+007	Standard Deviation 2.52618E+007	Variance 6.38157E+014

BH2A023D - p p DDT

Unretarded Travel Time to BH2A002D boundary [years]

05% of values less than 9527.86
10% of values less than 11556
25% of values less than 18478.1
50% of values less than 37425.7
75% of values less than 73893.7
90% of values less than 110213
95% of values less than 134397

Minimum 5077.82	Maximum 223640	
Mean 50791	Standard Deviation 40568.6	Variance 1.64581E+009

Retarded Travel Time to BH2A002D boundary [years]

05% of values less than 4.70106E+007
10% of values less than 6.78207E+007
25% of values less than 1.24156E+008
50% of values less than 2.67365E+008
75% of values less than 5.00346E+008
90% of values less than 8.48775E+008
95% of values less than 1.08107E+009

Minimum 1.80682E+007	Maximum 1.94215E+009	
Mean 3.68304E+008	Standard Deviation 3.31493E+008	Variance 1.09888E+017

BH2A023D - Gamma HCH

Concentration at BH2A002D boundary [mg/l] - 1 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A002D boundary [mg/l] - 10 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A002D boundary [mg/l] - 100 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A002D boundary [mg/l] - 500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

BH2A023D - Gamma HCH

Concentration at BH2A002D boundary [mg/l] - 1000 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A002D boundary [mg/l] - 2500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A002D boundary [mg/l] - 5000 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 6.37483E-029	
Mean 8.58417E-032	Standard Deviation 2.1327E-030	Variance 4.54839E-060

Concentration at BH2A002D boundary [mg/l] - 7500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 1.39464E-023	
Mean 2.00962E-026	Standard Deviation 4.77127E-025	Variance 2.2765E-049

BH2A023D - Gamma HCH

Concentration at BH2A002D boundary [mg/l] - 10000 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 4.60305E-021	
Mean 7.16793E-024	Standard Deviation 1.60243E-022	Variance 2.56778E-044

BH2A023D - p p DDT

Concentration at BH2A002D boundary [mg/l] - 1 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A002D boundary [mg/l] - 10 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A002D boundary [mg/l] - 100 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A002D boundary [mg/l] - 500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

BH2A023D - p p DDT

Concentration at BH2A002D boundary [mg/l] - 1000 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A002D boundary [mg/l] - 2500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A002D boundary [mg/l] - 5000 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A002D boundary [mg/l] - 7500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

BH2A023D - p p DDT

Concentration at BH2A002D boundary [mg/l] - 10000 years

05% of values less than 0

10% of values less than 0

25% of values less than 0

50% of values less than 0

75% of values less than 0

90% of values less than 0

95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

BH2A023D - Gamma HCH

Unretarded Travel Time to BH2A023D boundary [years]

05% of values less than 10488.6
10% of values less than 12716
25% of values less than 20348
50% of values less than 41270.6
75% of values less than 81317.8
90% of values less than 121362
95% of values less than 148345

Minimum 5588.6	Maximum 246175	
Mean 55992.8	Standard Deviation 44722.6	Variance 2.00011E+009

Retarded Travel Time to BH2A023D boundary [years]

05% of values less than 1.60934E+006
10% of values less than 2.47022E+006
25% of values less than 5.3017E+006
50% of values less than 1.24276E+007
75% of values less than 2.67221E+007
90% of values less than 5.45192E+007
95% of values less than 7.97356E+007

Minimum 427216	Maximum 2.03357E+008	
Mean 2.22821E+007	Standard Deviation 2.78563E+007	Variance 7.75973E+014

BH2A023D - p p DDT

Unretarded Travel Time to BH2A023D boundary [years]

05% of values less than 10488.6
10% of values less than 12716
25% of values less than 20348
50% of values less than 41270.6
75% of values less than 81317.8
90% of values less than 121362
95% of values less than 148345

Minimum 5588.6	Maximum 246175	
Mean 55992.8	Standard Deviation 44722.6	Variance 2.00011E+009

Retarded Travel Time to BH2A023D boundary [years]

05% of values less than 5.18769E+007
10% of values less than 7.46322E+007
25% of values less than 1.37027E+008
50% of values less than 2.94267E+008
75% of values less than 5.50823E+008
90% of values less than 9.35851E+008
95% of values less than 1.19071E+009

Minimum 1.99439E+007	Maximum 2.14101E+009	
Mean 4.0603E+008	Standard Deviation 3.65473E+008	Variance 1.3357E+017

BH2A023D - Gamma HCH

Concentration at BH2A023D boundary [mg/l] - 1 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A023D boundary [mg/l] - 10 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A023D boundary [mg/l] - 100 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A023D boundary [mg/l] - 500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

BH2A023D - Gamma HCH

Concentration at BH2A023D boundary [mg/l] - 1000 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A023D boundary [mg/l] - 2500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A023D boundary [mg/l] - 5000 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 7.76613E-026	
Mean 1.14073E-028	Standard Deviation 2.70955E-027	Variance 7.34169E-054

Concentration at BH2A023D boundary [mg/l] - 7500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 2.37416E-019	
Mean 3.80101E-022	Standard Deviation 8.70744E-021	Variance 7.58195E-041

BH2A023D - Gamma HCH

Concentration at BH2A023D boundary [mg/l] - 10000 years

05% of values less than 0

10% of values less than 0

25% of values less than 0

50% of values less than 0

75% of values less than 0

90% of values less than 0

95% of values less than 0

Minimum 0	Maximum 2.9361E-016	
Mean 5.06967E-019	Standard Deviation 1.11838E-017	Variance 1.25077E-034

BH2A023D - p p DDT

Concentration at BH2A023D boundary [mg/l] - 1 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A023D boundary [mg/l] - 10 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A023D boundary [mg/l] - 100 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A023D boundary [mg/l] - 500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

BH2A023D - p p DDT

Concentration at BH2A023D boundary [mg/l] - 1000 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A023D boundary [mg/l] - 2500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A023D boundary [mg/l] - 5000 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A023D boundary [mg/l] - 7500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

BH2A023D - p p DDT

Concentration at BH2A023D boundary [mg/l] - 10000 years

05% of values less than 0

10% of values less than 0

25% of values less than 0

50% of values less than 0

75% of values less than 0

90% of values less than 0

95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Source Inventory:

Gamma HCH
Aquifer Source Concentration [mg/l] SINGLE(7.3)

p p DDT
Aquifer Source Concentration [mg/l] SINGLE(1)

BH2A002D - Gamma HCH

Unretarded Travel Time to BH2A010D(G) Receptor [years]

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 5.85443
90% of values less than 1E+006
95% of values less than 1E+006

Minimum 0	Maximum 1E+006	
Mean 104920	Standard Deviation 306563	Variance 9.39809E+010

Retarded Travel Time to BH2A010D(G) Receptor [years]

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 1196.35
90% of values less than 7.28967E+007
95% of values less than 2.2226E+008

Minimum 0	Maximum 1.41172E+009	
Mean 3.50779E+007	Standard Deviation 1.37516E+008	Variance 1.89106E+016

BH2A002D - p p DDT

Unretarded Travel Time to BH2A010D(G) Receptor [years]

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 5.85443
90% of values less than 1E+006
95% of values less than 1E+006

Minimum 0	Maximum 1E+006	
Mean 104920	Standard Deviation 306563	Variance 9.39809E+010

Retarded Travel Time to BH2A010D(G) Receptor [years]

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 31155.2
90% of values less than 1.91709E+009
95% of values less than 6.81799E+009

Minimum 0	Maximum 1.8214E+010	
Mean 7.37848E+008	Standard Deviation 2.4293E+009	Variance 5.9015E+018

BH2A002D - Gamma HCH

Concentration at BH2A010D(G) Receptor [mg/l] - 1 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 7.3
75% of values less than 7.3
90% of values less than 7.3
95% of values less than 7.3

Minimum 0	Maximum 7.3	
Mean 5.41119	Standard Deviation 3.19858	Variance 10.2309

Concentration at BH2A010D(G) Receptor [mg/l] - 10 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 7.3
75% of values less than 7.3
90% of values less than 7.3
95% of values less than 7.3

Minimum 0	Maximum 7.3	
Mean 5.41119	Standard Deviation 3.19858	Variance 10.2309

Concentration at BH2A010D(G) Receptor [mg/l] - 100 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 7.3
75% of values less than 7.3
90% of values less than 7.3
95% of values less than 7.3

Minimum 0	Maximum 7.3	
Mean 5.41119	Standard Deviation 3.19858	Variance 10.2309

Concentration at BH2A010D(G) Receptor [mg/l] - 500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 7.3
75% of values less than 7.3
90% of values less than 7.3
95% of values less than 7.3

Minimum 0	Maximum 7.3	
Mean 5.41119	Standard Deviation 3.19858	Variance 10.2309

BH2A002D - Gamma HCH

Concentration at BH2A010D(G) Receptor [mg/l] - 1000 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 7.3
75% of values less than 7.3
90% of values less than 7.3
95% of values less than 7.3

Minimum 0	Maximum 7.3	
Mean 5.41119	Standard Deviation 3.19858	Variance 10.2309

Concentration at BH2A010D(G) Receptor [mg/l] - 2500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 7.3
75% of values less than 7.3
90% of values less than 7.3
95% of values less than 7.3

Minimum 0	Maximum 7.3	
Mean 5.41119	Standard Deviation 3.19858	Variance 10.2309

Concentration at BH2A010D(G) Receptor [mg/l] - 5000 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 7.3
75% of values less than 7.3
90% of values less than 7.3
95% of values less than 7.3

Minimum 0	Maximum 7.3	
Mean 5.41119	Standard Deviation 3.19858	Variance 10.2309

Concentration at BH2A010D(G) Receptor [mg/l] - 7500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 7.3
75% of values less than 7.3
90% of values less than 7.3
95% of values less than 7.3

Minimum 0	Maximum 7.3	
Mean 5.41119	Standard Deviation 3.19858	Variance 10.2309

BH2A002D - Gamma HCH

Concentration at BH2A010D(G) Receptor [mg/l] - 10000 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 7.3
75% of values less than 7.3
90% of values less than 7.3
95% of values less than 7.3

Minimum 0	Maximum 7.3	
Mean 5.41119	Standard Deviation 3.19858	Variance 10.2309

BH2A002D - p p DDT

Concentration at BH2A010D(G) Receptor [mg/l] - 1 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 1
75% of values less than 1
90% of values less than 1
95% of values less than 1

Minimum 0	Maximum 1	
Mean 0.741259	Standard Deviation 0.438162	Variance 0.191986

Concentration at BH2A010D(G) Receptor [mg/l] - 10 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 1
75% of values less than 1
90% of values less than 1
95% of values less than 1

Minimum 0	Maximum 1	
Mean 0.741259	Standard Deviation 0.438162	Variance 0.191986

Concentration at BH2A010D(G) Receptor [mg/l] - 100 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 1
75% of values less than 1
90% of values less than 1
95% of values less than 1

Minimum 0	Maximum 1	
Mean 0.741259	Standard Deviation 0.438162	Variance 0.191986

Concentration at BH2A010D(G) Receptor [mg/l] - 500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 1
75% of values less than 1
90% of values less than 1
95% of values less than 1

Minimum 0	Maximum 1	
Mean 0.741259	Standard Deviation 0.438162	Variance 0.191986

BH2A002D - p p DDT

Concentration at BH2A010D(G) Receptor [mg/l] - 1000 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 1
75% of values less than 1
90% of values less than 1
95% of values less than 1

Minimum 0	Maximum 1	
Mean 0.741259	Standard Deviation 0.438162	Variance 0.191986

Concentration at BH2A010D(G) Receptor [mg/l] - 2500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 1
75% of values less than 1
90% of values less than 1
95% of values less than 1

Minimum 0	Maximum 1	
Mean 0.741259	Standard Deviation 0.438162	Variance 0.191986

Concentration at BH2A010D(G) Receptor [mg/l] - 5000 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 1
75% of values less than 1
90% of values less than 1
95% of values less than 1

Minimum 0	Maximum 1	
Mean 0.741259	Standard Deviation 0.438162	Variance 0.191986

Concentration at BH2A010D(G) Receptor [mg/l] - 7500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 1
75% of values less than 1
90% of values less than 1
95% of values less than 1

Minimum 0	Maximum 1	
Mean 0.741259	Standard Deviation 0.438162	Variance 0.191986

BH2A002D - p p DDT

Concentration at BH2A010D(G) Receptor [mg/l] - 10000 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 1
75% of values less than 1
90% of values less than 1
95% of values less than 1

Minimum 0	Maximum 1	
Mean 0.741259	Standard Deviation 0.438162	Variance 0.191986

BH2A002D - Gamma HCH

Unretarded Travel Time to BH2A023D Receptor [years]

05% of values less than 1058.51
10% of values less than 1324.11
25% of values less than 2127.93
50% of values less than 4258.24
75% of values less than 8562.74
90% of values less than 12995.4
95% of values less than 16371.2

Minimum 548.537	Maximum 25522	
Mean 5964.35	Standard Deviation 4866.7	Variance 2.36848E+007

Retarded Travel Time to BH2A023D Receptor [years]

05% of values less than 169741
10% of values less than 249595
25% of values less than 543510
50% of values less than 1.31902E+006
75% of values less than 2.88442E+006
90% of values less than 5.82168E+006
95% of values less than 8.31577E+006

Minimum 41730.6	Maximum 2.12304E+007	
Mean 2.38872E+006	Standard Deviation 3.04369E+006	Variance 9.26406E+012

BH2A002D - p p DDT

Unretarded Travel Time to BH2A023D Receptor [years]

05% of values less than 1058.51
10% of values less than 1324.11
25% of values less than 2127.93
50% of values less than 4258.24
75% of values less than 8562.74
90% of values less than 12995.4
95% of values less than 16371.2

Minimum 548.537	Maximum 25522	
Mean 5964.35	Standard Deviation 4866.7	Variance 2.36848E+007

Retarded Travel Time to BH2A023D Receptor [years]

05% of values less than 5.34437E+006
10% of values less than 7.81437E+006
25% of values less than 1.44349E+007
50% of values less than 3.00835E+007
75% of values less than 5.80142E+007
90% of values less than 1.03226E+008
95% of values less than 1.31726E+008

Minimum 1.92734E+006	Maximum 2.52142E+008	
Mean 4.3385E+007	Standard Deviation 4.00814E+007	Variance 1.60652E+015

BH2A002D - Gamma HCH

Concentration at BH2A023D Receptor [mg/l] - 1 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A023D Receptor [mg/l] - 10 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A023D Receptor [mg/l] - 100 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A023D Receptor [mg/l] - 500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

BH2A002D - Gamma HCH

Concentration at BH2A023D Receptor [mg/l] - 1000 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A023D Receptor [mg/l] - 2500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A023D Receptor [mg/l] - 5000 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A023D Receptor [mg/l] - 7500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

BH2A002D - Gamma HCH

Concentration at BH2A023D Receptor [mg/l] - 10000 years

05% of values less than 0

10% of values less than 0

25% of values less than 0

50% of values less than 0

75% of values less than 0

90% of values less than 0

95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

BH2A002D - p p DDT

Concentration at BH2A023D Receptor [mg/l] - 1 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A023D Receptor [mg/l] - 10 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A023D Receptor [mg/l] - 100 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A023D Receptor [mg/l] - 500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

BH2A002D - p p DDT

Concentration at BH2A023D Receptor [mg/l] - 1000 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A023D Receptor [mg/l] - 2500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A023D Receptor [mg/l] - 5000 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A023D Receptor [mg/l] - 7500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

BH2A002D - p p DDT

Concentration at BH2A023D Receptor [mg/l] - 10000 years

05% of values less than 0

10% of values less than 0

25% of values less than 0

50% of values less than 0

75% of values less than 0

90% of values less than 0

95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

BH2A002D - Gamma HCH

Unretarded Travel Time to BH2A002D Receptor [years]

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 279.757
90% of values less than 852.494
95% of values less than 1188.47

Minimum 0	Maximum 2768.69	
Mean 240.472	Standard Deviation 448.231	Variance 200911

Retarded Travel Time to BH2A002D Receptor [years]

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 82224.1
90% of values less than 285051
95% of values less than 533183

Minimum 0	Maximum 2.17918E+006	
Mean 101546	Standard Deviation 251493	Variance 6.32489E+010

BH2A002D - p p DDT

Unretarded Travel Time to BH2A002D Receptor [years]

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 279.757
90% of values less than 852.494
95% of values less than 1188.47

Minimum 0	Maximum 2768.69	
Mean 240.472	Standard Deviation 448.231	Variance 200911

Retarded Travel Time to BH2A002D Receptor [years]

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 1.86871E+006
90% of values less than 5.95349E+006
95% of values less than 9.7776E+006

Minimum 0	Maximum 2.48309E+007	
Mean 1.80446E+006	Standard Deviation 3.65248E+006	Variance 1.33406E+013

BH2A002D - Gamma HCH

Concentration at BH2A002D Receptor [mg/l] - 1 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 7.3
75% of values less than 7.3
90% of values less than 7.3
95% of values less than 7.3

Minimum 0	Maximum 7.3	
Mean 3.9016	Standard Deviation 3.64314	Variance 13.2725

Concentration at BH2A002D Receptor [mg/l] - 10 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 7.3
75% of values less than 7.3
90% of values less than 7.3
95% of values less than 7.3

Minimum 0	Maximum 7.3	
Mean 3.9016	Standard Deviation 3.64314	Variance 13.2725

Concentration at BH2A002D Receptor [mg/l] - 100 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 7.3
75% of values less than 7.3
90% of values less than 7.3
95% of values less than 7.3

Minimum 0	Maximum 7.3	
Mean 3.9016	Standard Deviation 3.64314	Variance 13.2725

Concentration at BH2A002D Receptor [mg/l] - 500 years

05% of values less than 0
10% of values less than 0
25% of values less than 3.90011E-019
50% of values less than 7.3
75% of values less than 7.3
90% of values less than 7.3
95% of values less than 7.3

Minimum 0	Maximum 7.3	
Mean 3.9016	Standard Deviation 3.64314	Variance 13.2725

BH2A002D - Gamma HCH

Concentration at BH2A002D Receptor [mg/l] - 1000 years

05% of values less than 1.32509E-029
10% of values less than 1.51473E-022
25% of values less than 2.09041E-015
50% of values less than 7.3
75% of values less than 7.3
90% of values less than 7.3
95% of values less than 7.3

Minimum 0	Maximum 7.3	
Mean 3.90165	Standard Deviation 3.64308	Variance 13.2721

Concentration at BH2A002D Receptor [mg/l] - 2500 years

05% of values less than 7.81165E-019
10% of values less than 5.79214E-016
25% of values less than 4.70808E-013
50% of values less than 7.3
75% of values less than 7.3
90% of values less than 7.3
95% of values less than 7.3

Minimum 0	Maximum 7.3	
Mean 3.90288	Standard Deviation 3.64184	Variance 13.263

Concentration at BH2A002D Receptor [mg/l] - 5000 years

05% of values less than 3.1093E-015
10% of values less than 1.03459E-013
25% of values less than 4.99879E-012
50% of values less than 7.3
75% of values less than 7.3
90% of values less than 7.3
95% of values less than 7.3

Minimum 2.82587E-024	Maximum 7.3	
Mean 3.90893	Standard Deviation 3.63609	Variance 13.2212

Concentration at BH2A002D Receptor [mg/l] - 7500 years

05% of values less than 5.21079E-014
10% of values less than 5.69482E-013
25% of values less than 3.71274E-009
50% of values less than 7.3
75% of values less than 7.3
90% of values less than 7.3
95% of values less than 7.3

Minimum 3.19083E-020	Maximum 7.3	
Mean 3.918	Standard Deviation 3.62798	Variance 13.1622

BH2A002D - Gamma HCH

Concentration at BH2A002D Receptor [mg/l] - 10000 years

05% of values less than 2.24879E-013

10% of values less than 1.4676E-012

25% of values less than 4.81717E-007

50% of values less than 7.3

75% of values less than 7.3

90% of values less than 7.3

95% of values less than 7.3

Minimum 3.52097E-018	Maximum 7.3	
Mean 3.92841	Standard Deviation 3.61915	Variance 13.0982

BH2A002D - p p DDT

Concentration at BH2A002D Receptor [mg/l] - 1 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 1
75% of values less than 1
90% of values less than 1
95% of values less than 1

Minimum 0	Maximum 1	
Mean 0.534466	Standard Deviation 0.49906	Variance 0.249061

Concentration at BH2A002D Receptor [mg/l] - 10 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 1
75% of values less than 1
90% of values less than 1
95% of values less than 1

Minimum 0	Maximum 1	
Mean 0.534466	Standard Deviation 0.49906	Variance 0.249061

Concentration at BH2A002D Receptor [mg/l] - 100 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 1
75% of values less than 1
90% of values less than 1
95% of values less than 1

Minimum 0	Maximum 1	
Mean 0.534466	Standard Deviation 0.49906	Variance 0.249061

Concentration at BH2A002D Receptor [mg/l] - 500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 1
75% of values less than 1
90% of values less than 1
95% of values less than 1

Minimum 0	Maximum 1	
Mean 0.534466	Standard Deviation 0.49906	Variance 0.249061

BH2A002D - p p DDT

Concentration at BH2A002D Receptor [mg/l] - 1000 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 1
75% of values less than 1
90% of values less than 1
95% of values less than 1

Minimum 0	Maximum 1	
Mean 0.534466	Standard Deviation 0.49906	Variance 0.249061

Concentration at BH2A002D Receptor [mg/l] - 2500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 1
75% of values less than 1
90% of values less than 1
95% of values less than 1

Minimum 0	Maximum 1	
Mean 0.534466	Standard Deviation 0.49906	Variance 0.249061

Concentration at BH2A002D Receptor [mg/l] - 5000 years

05% of values less than 0
10% of values less than 0
25% of values less than 3.03334E-030
50% of values less than 1
75% of values less than 1
90% of values less than 1
95% of values less than 1

Minimum 0	Maximum 1	
Mean 0.534466	Standard Deviation 0.49906	Variance 0.249061

Concentration at BH2A002D Receptor [mg/l] - 7500 years

05% of values less than 0
10% of values less than 0
25% of values less than 2.85198E-024
50% of values less than 1
75% of values less than 1
90% of values less than 1
95% of values less than 1

Minimum 0	Maximum 1	
Mean 0.534466	Standard Deviation 0.49906	Variance 0.249061

BH2A002D - p p DDT

Concentration at BH2A002D Receptor [mg/l] - 10000 years

05% of values less than 0

10% of values less than 0

25% of values less than 2.48107E-021

50% of values less than 1

75% of values less than 1

90% of values less than 1

95% of values less than 1

Minimum 0	Maximum 1	
Mean 0.534466	Standard Deviation 0.49906	Variance 0.249061

BH2A002D - Gamma HCH

Unretarded Travel Time to AWE(B) Abstraction [years]

05% of values less than 1727.53
10% of values less than 2152.12
25% of values less than 3435.68
50% of values less than 6782.89
75% of values less than 13701.3
90% of values less than 20785.1
95% of values less than 25822.6

Minimum 893.699	Maximum 39109.2	
Mean 9479.44	Standard Deviation 7653.37	Variance 5.85741E+007

Retarded Travel Time to AWE(B) Abstraction [years]

05% of values less than 267665
10% of values less than 412023
25% of values less than 880962
50% of values less than 2.07821E+006
75% of values less than 4.68839E+006
90% of values less than 9.34631E+006
95% of values less than 1.3604E+007

Minimum 69212.5	Maximum 3.36232E+007	
Mean 3.78838E+006	Standard Deviation 4.78912E+006	Variance 2.29357E+013

BH2A002D - p p DDT

Unretarded Travel Time to AWE(B) Abstraction [years]

05% of values less than 1727.53
10% of values less than 2152.12
25% of values less than 3435.68
50% of values less than 6782.89
75% of values less than 13701.3
90% of values less than 20785.1
95% of values less than 25822.6

Minimum 893.699	Maximum 39109.2	
Mean 9479.44	Standard Deviation 7653.37	Variance 5.85741E+007

Retarded Travel Time to AWE(B) Abstraction [years]

05% of values less than 8.58284E+006
10% of values less than 1.23489E+007
25% of values less than 2.32542E+007
50% of values less than 4.77201E+007
75% of values less than 9.42371E+007
90% of values less than 1.63175E+008
95% of values less than 2.03548E+008

Minimum 3.19485E+006	Maximum 3.86521E+008	
Mean 6.88781E+007	Standard Deviation 6.29019E+007	Variance 3.95665E+015

BH2A002D - Gamma HCH

Concentration at AWE(B) Abstraction [mg/l] - 1 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at AWE(B) Abstraction [mg/l] - 10 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at AWE(B) Abstraction [mg/l] - 100 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at AWE(B) Abstraction [mg/l] - 500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

BH2A002D - Gamma HCH

Concentration at AWE(B) Abstraction [mg/l] - 1000 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at AWE(B) Abstraction [mg/l] - 2500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at AWE(B) Abstraction [mg/l] - 5000 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at AWE(B) Abstraction [mg/l] - 7500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

BH2A002D - Gamma HCH

Concentration at AWE(B) Abstraction [mg/l] - 10000 years

05% of values less than 0

10% of values less than 0

25% of values less than 0

50% of values less than 0

75% of values less than 0

90% of values less than 0

95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

BH2A002D - p p DDT

Concentration at AWE(B) Abstraction [mg/l] - 1 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at AWE(B) Abstraction [mg/l] - 10 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at AWE(B) Abstraction [mg/l] - 100 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at AWE(B) Abstraction [mg/l] - 500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

BH2A002D - p p DDT

Concentration at AWE(B) Abstraction [mg/l] - 1000 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at AWE(B) Abstraction [mg/l] - 2500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at AWE(B) Abstraction [mg/l] - 5000 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at AWE(B) Abstraction [mg/l] - 7500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

BH2A002D - p p DDT

Concentration at AWE(B) Abstraction [mg/l] - 10000 years

05% of values less than 0

10% of values less than 0

25% of values less than 0

50% of values less than 0

75% of values less than 0

90% of values less than 0

95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

BH2A002D - Gamma HCH

Unretarded Travel Time to BH2A010D(G) boundary [years]

05% of values less than 9170.74
10% of values less than 11027
25% of values less than 17562.1
50% of values less than 35676.8
75% of values less than 70392.2
90% of values less than 104899
95% of values less than 128483

Minimum 4722.3	Maximum 207713	
Mean 48469.5	Standard Deviation 38766.4	Variance 1.50283E+009

Retarded Travel Time to BH2A010D(G) boundary [years]

05% of values less than 1.3854E+006
10% of values less than 2.15518E+006
25% of values less than 4.61024E+006
50% of values less than 1.07184E+007
75% of values less than 2.33059E+007
90% of values less than 4.69879E+007
95% of values less than 7.0508E+007

Minimum 365066	Maximum 1.75549E+008	
Mean 1.93137E+007	Standard Deviation 2.42271E+007	Variance 5.8695E+014

BH2A002D - p p DDT

Unretarded Travel Time to BH2A010D(G) boundary [years]

05% of values less than 9170.74
10% of values less than 11027
25% of values less than 17562.1
50% of values less than 35676.8
75% of values less than 70392.2
90% of values less than 104899
95% of values less than 128483

Minimum 4722.3	Maximum 207713	
Mean 48469.5	Standard Deviation 38766.4	Variance 1.50283E+009

Retarded Travel Time to BH2A010D(G) boundary [years]

05% of values less than 4.465E+007
10% of values less than 6.43295E+007
25% of values less than 1.19414E+008
50% of values less than 2.50411E+008
75% of values less than 4.76596E+008
90% of values less than 8.18632E+008
95% of values less than 1.02303E+009

Minimum 1.72544E+007	Maximum 1.87708E+009	
Mean 3.51652E+008	Standard Deviation 3.17431E+008	Variance 1.00762E+017

BH2A002D - Gamma HCH

Concentration at BH2A010D(G) boundary [mg/l] - 1 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A010D(G) boundary [mg/l] - 10 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A010D(G) boundary [mg/l] - 100 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A010D(G) boundary [mg/l] - 500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

BH2A002D - Gamma HCH

Concentration at BH2A010D(G) boundary [mg/l] - 1000 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A010D(G) boundary [mg/l] - 2500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A010D(G) boundary [mg/l] - 5000 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A010D(G) boundary [mg/l] - 7500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

BH2A002D - Gamma HCH

Concentration at BH2A010D(G) boundary [mg/l] - 10000 years

05% of values less than 0

10% of values less than 0

25% of values less than 0

50% of values less than 0

75% of values less than 0

90% of values less than 0

95% of values less than 0

Minimum 0	Maximum 1.17455E-029	
Mean 1.87746E-032	Standard Deviation 4.32755E-031	Variance 1.87277E-061

BH2A002D - p p DDT

Concentration at BH2A010D(G) boundary [mg/l] - 1 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A010D(G) boundary [mg/l] - 10 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A010D(G) boundary [mg/l] - 100 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A010D(G) boundary [mg/l] - 500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

BH2A002D - p p DDT

Concentration at BH2A010D(G) boundary [mg/l] - 1000 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A010D(G) boundary [mg/l] - 2500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A010D(G) boundary [mg/l] - 5000 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A010D(G) boundary [mg/l] - 7500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

BH2A002D - p p DDT

Concentration at BH2A010D(G) boundary [mg/l] - 10000 years

05% of values less than 0

10% of values less than 0

25% of values less than 0

50% of values less than 0

75% of values less than 0

90% of values less than 0

95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

BH2A002D - Gamma HCH

Unretarded Travel Time to BH2A002D boundary [years]

05% of values less than 10745.3
10% of values less than 12943.6
25% of values less than 20600.3
50% of values less than 41924.1
75% of values less than 82543.6
90% of values less than 122971
95% of values less than 150875

Minimum 5547.57	Maximum 244122	
Mean 56874	Standard Deviation 45478.1	Variance 2.06826E+009

Retarded Travel Time to BH2A002D boundary [years]

05% of values less than 1.62211E+006
10% of values less than 2.53051E+006
25% of values less than 5.39291E+006
50% of values less than 1.26107E+007
75% of values less than 2.73962E+007
90% of values less than 5.51446E+007
95% of values less than 8.27951E+007

Minimum 428596	Maximum 2.06141E+008	
Mean 2.26602E+007	Standard Deviation 2.8419E+007	Variance 8.07637E+014

BH2A002D - p p DDT

Unretarded Travel Time to BH2A002D boundary [years]

05% of values less than 10745.3
10% of values less than 12943.6
25% of values less than 20600.3
50% of values less than 41924.1
75% of values less than 82543.6
90% of values less than 122971
95% of values less than 150875

Minimum 5547.57	Maximum 244122	
Mean 56874	Standard Deviation 45478.1	Variance 2.06826E+009

Retarded Travel Time to BH2A002D boundary [years]

05% of values less than 5.24229E+007
10% of values less than 7.57027E+007
25% of values less than 1.40156E+008
50% of values less than 2.94727E+008
75% of values less than 5.58732E+008
90% of values less than 9.59567E+008
95% of values less than 1.20229E+009

Minimum 2.0285E+007	Maximum 2.19838E+009	
Mean 4.12605E+008	Standard Deviation 3.72331E+008	Variance 1.38631E+017

BH2A002D - Gamma HCH

Concentration at BH2A002D boundary [mg/l] - 1 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A002D boundary [mg/l] - 10 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A002D boundary [mg/l] - 100 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A002D boundary [mg/l] - 500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

BH2A002D - Gamma HCH

Concentration at BH2A002D boundary [mg/l] - 1000 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A002D boundary [mg/l] - 2500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A002D boundary [mg/l] - 5000 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 6.022E-026	
Mean 8.32947E-029	Standard Deviation 2.03811E-027	Variance 4.15387E-054

Concentration at BH2A002D boundary [mg/l] - 7500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 2.02386E-019	
Mean 3.07835E-022	Standard Deviation 7.20146E-021	Variance 5.1861E-041

BH2A002D - Gamma HCH

Concentration at BH2A002D boundary [mg/l] - 10000 years

05% of values less than 0

10% of values less than 0

25% of values less than 0

50% of values less than 0

75% of values less than 0

90% of values less than 0

95% of values less than 0

Minimum 0	Maximum 2.6277E-016	
Mean 4.31094E-019	Standard Deviation 9.74055E-018	Variance 9.48783E-035

BH2A002D - p p DDT

Concentration at BH2A002D boundary [mg/l] - 1 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A002D boundary [mg/l] - 10 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A002D boundary [mg/l] - 100 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A002D boundary [mg/l] - 500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

BH2A002D - p p DDT

Concentration at BH2A002D boundary [mg/l] - 1000 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A002D boundary [mg/l] - 2500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A002D boundary [mg/l] - 5000 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A002D boundary [mg/l] - 7500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

BH2A002D - p p DDT

Concentration at BH2A002D boundary [mg/l] - 10000 years

05% of values less than 0

10% of values less than 0

25% of values less than 0

50% of values less than 0

75% of values less than 0

90% of values less than 0

95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

BH2A002D - Gamma HCH

Unretarded Travel Time to BH2A023D boundary [years]

05% of values less than 11715.8
10% of values less than 14129.8
25% of values less than 22494.3
50% of values less than 45790.8
75% of values less than 90120.3
90% of values less than 134132
95% of values less than 164917

Minimum 6058.36	Maximum 266657	
Mean 62075.8	Standard Deviation 49632.3	Variance 2.46337E+009

Retarded Travel Time to BH2A023D boundary [years]

05% of values less than 1.77158E+006
10% of values less than 2.76282E+006
25% of values less than 5.87733E+006
50% of values less than 1.3782E+007
75% of values less than 2.99225E+007
90% of values less than 6.01957E+007
95% of values less than 9.03032E+007

Minimum 467917	Maximum 2.25076E+008	
Mean 2.47315E+007	Standard Deviation 3.10135E+007	Variance 9.61839E+014

BH2A002D - p p DDT

Unretarded Travel Time to BH2A023D boundary [years]

05% of values less than 11715.8
10% of values less than 14129.8
25% of values less than 22494.3
50% of values less than 45790.8
75% of values less than 90120.3
90% of values less than 134132
95% of values less than 164917

Minimum 6058.36	Maximum 266657	
Mean 62075.8	Standard Deviation 49632.3	Variance 2.46337E+009

Retarded Travel Time to BH2A023D boundary [years]

05% of values less than 5.72339E+007
10% of values less than 8.2742E+007
25% of values less than 1.52939E+008
50% of values less than 3.22156E+008
75% of values less than 6.0981E+008
90% of values less than 1.04625E+009
95% of values less than 1.3134E+009

Minimum 2.21607E+007	Maximum 2.39724E+009	
Mean 4.50331E+008	Standard Deviation 4.06312E+008	Variance 1.6509E+017

BH2A002D - Gamma HCH

Concentration at BH2A023D boundary [mg/l] - 1 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A023D boundary [mg/l] - 10 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A023D boundary [mg/l] - 100 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A023D boundary [mg/l] - 500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

BH2A002D - Gamma HCH

Concentration at BH2A023D boundary [mg/l] - 1000 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A023D boundary [mg/l] - 2500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A023D boundary [mg/l] - 5000 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A023D boundary [mg/l] - 7500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 5.74931E-026	
Mean 9.93213E-029	Standard Deviation 2.246E-027	Variance 5.04452E-054

BH2A002D - Gamma HCH

Concentration at BH2A023D boundary [mg/l] - 10000 years

05% of values less than 0

10% of values less than 0

25% of values less than 0

50% of values less than 0

75% of values less than 0

90% of values less than 0

95% of values less than 0

Minimum 0	Maximum 3.19094E-022	
Mean 6.09534E-025	Standard Deviation 1.35349E-023	Variance 1.83192E-046

BH2A002D - p p DDT

Concentration at BH2A023D boundary [mg/l] - 1 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A023D boundary [mg/l] - 10 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A023D boundary [mg/l] - 100 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A023D boundary [mg/l] - 500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

BH2A002D - p p DDT

Concentration at BH2A023D boundary [mg/l] - 1000 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A023D boundary [mg/l] - 2500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A023D boundary [mg/l] - 5000 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A023D boundary [mg/l] - 7500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

BH2A002D - p p DDT

Concentration at BH2A023D boundary [mg/l] - 10000 years

05% of values less than 0

10% of values less than 0

25% of values less than 0

50% of values less than 0

75% of values less than 0

90% of values less than 0

95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Gamma HCH

Unretarded Travel Time to BH2A010D(G) Receptor [years]

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 4.09743
90% of values less than 310.871
95% of values less than 1E+006

Minimum 0	Maximum 1E+006	
Mean 50996.8	Standard Deviation 219993	Variance 4.83968E+010

Retarded Travel Time to BH2A010D(G) Receptor [years]

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 802.032
90% of values less than 101232
95% of values less than 4.91676E+007

Minimum 0	Maximum 1.13525E+009	
Mean 1.633E+007	Standard Deviation 9.26114E+007	Variance 8.57686E+015

p p DDT

Unretarded Travel Time to BH2A010D(G) Receptor [years]

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 4.09743
90% of values less than 310.871
95% of values less than 1E+006

Minimum 0	Maximum 1E+006	
Mean 50996.8	Standard Deviation 219993	Variance 4.83968E+010

Retarded Travel Time to BH2A010D(G) Receptor [years]

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 27406.8
90% of values less than 2.1362E+006
95% of values less than 1.1168E+009

Minimum 0	Maximum 1.35915E+010	
Mean 3.29115E+008	Standard Deviation 1.55895E+009	Variance 2.43034E+018

Gamma HCH

Concentration at BH2A010D(G) Receptor [mg/l] - 1 years

05% of values less than 0
10% of values less than 0
25% of values less than 7.3
50% of values less than 7.3
75% of values less than 14.6
90% of values less than 14.6
95% of values less than 14.6

Minimum 0	Maximum 14.6	
Mean 9.15964	Standard Deviation 4.77601	Variance 22.8102

Concentration at BH2A010D(G) Receptor [mg/l] - 10 years

05% of values less than 0
10% of values less than 0
25% of values less than 7.3
50% of values less than 7.3
75% of values less than 14.6
90% of values less than 14.6
95% of values less than 14.6

Minimum 0	Maximum 14.6	
Mean 9.15964	Standard Deviation 4.77601	Variance 22.8102

Concentration at BH2A010D(G) Receptor [mg/l] - 100 years

05% of values less than 0
10% of values less than 6.94045E-023
25% of values less than 7.3
50% of values less than 7.3
75% of values less than 14.6
90% of values less than 14.6
95% of values less than 14.6

Minimum 0	Maximum 14.6	
Mean 9.15964	Standard Deviation 4.77601	Variance 22.8102

Concentration at BH2A010D(G) Receptor [mg/l] - 500 years

05% of values less than 3.94934E-021
10% of values less than 7.25347E-014
25% of values less than 7.3
50% of values less than 7.3
75% of values less than 14.6
90% of values less than 14.6
95% of values less than 14.6

Minimum 0	Maximum 14.6	
Mean 9.15964	Standard Deviation 4.77601	Variance 22.8102

Gamma HCH

Concentration at BH2A010D(G) Receptor [mg/l] - 1000 years

05% of values less than 2.33901E-016
10% of values less than 1.0825E-012
25% of values less than 7.3
50% of values less than 7.3
75% of values less than 14.6
90% of values less than 14.6
95% of values less than 14.6

Minimum 0	Maximum 14.6	
Mean 9.15971	Standard Deviation 4.77598	Variance 22.81

Concentration at BH2A010D(G) Receptor [mg/l] - 2500 years

05% of values less than 1.87843E-013
10% of values less than 3.10025E-008
25% of values less than 7.3
50% of values less than 7.3
75% of values less than 14.6
90% of values less than 14.6
95% of values less than 14.6

Minimum 8.34347E-029	Maximum 14.6	
Mean 9.16201	Standard Deviation 4.77461	Variance 22.7969

Concentration at BH2A010D(G) Receptor [mg/l] - 5000 years

05% of values less than 2.1004E-012
10% of values less than 0.000179726
25% of values less than 7.3
50% of values less than 7.3
75% of values less than 14.6
90% of values less than 14.6
95% of values less than 14.6

Minimum 4.04134E-020	Maximum 14.6	
Mean 9.17139	Standard Deviation 4.76851	Variance 22.7387

Concentration at BH2A010D(G) Receptor [mg/l] - 7500 years

05% of values less than 2.70196E-011
10% of values less than 0.00336474
25% of values less than 7.3
50% of values less than 7.30001
75% of values less than 14.6
90% of values less than 14.6
95% of values less than 14.6

Minimum 3.43485E-017	Maximum 14.6	
Mean 9.18397	Standard Deviation 4.76093	Variance 22.6665

Gamma HCH

Concentration at BH2A010D(G) Receptor [mg/l] - 10000 years

05% of values less than 1.04703E-008
10% of values less than 0.016092
25% of values less than 7.3
50% of values less than 7.30018
75% of values less than 14.6
90% of values less than 14.6
95% of values less than 14.6

Minimum 1.03821E-015	Maximum 14.6	
Mean 9.19799	Standard Deviation 4.75304	Variance 22.5914

p p DDT

Concentration at BH2A010D(G) Receptor [mg/l] - 1 years

05% of values less than 0
10% of values less than 0
25% of values less than 1
50% of values less than 1
75% of values less than 2
90% of values less than 2
95% of values less than 2

Minimum 0	Maximum 2	
Mean 1.25475	Standard Deviation 0.654248	Variance 0.42804

Concentration at BH2A010D(G) Receptor [mg/l] - 10 years

05% of values less than 0
10% of values less than 0
25% of values less than 1
50% of values less than 1
75% of values less than 2
90% of values less than 2
95% of values less than 2

Minimum 0	Maximum 2	
Mean 1.25475	Standard Deviation 0.654248	Variance 0.42804

Concentration at BH2A010D(G) Receptor [mg/l] - 100 years

05% of values less than 0
10% of values less than 0
25% of values less than 1
50% of values less than 1
75% of values less than 2
90% of values less than 2
95% of values less than 2

Minimum 0	Maximum 2	
Mean 1.25475	Standard Deviation 0.654248	Variance 0.42804

Concentration at BH2A010D(G) Receptor [mg/l] - 500 years

05% of values less than 0
10% of values less than 0
25% of values less than 1
50% of values less than 1
75% of values less than 2
90% of values less than 2
95% of values less than 2

Minimum 0	Maximum 2	
Mean 1.25475	Standard Deviation 0.654248	Variance 0.42804

p p DDT

Concentration at BH2A010D(G) Receptor [mg/l] - 1000 years

05% of values less than 0
10% of values less than 0
25% of values less than 1
50% of values less than 1
75% of values less than 2
90% of values less than 2
95% of values less than 2

Minimum 0	Maximum 2	
Mean 1.25475	Standard Deviation 0.654248	Variance 0.42804

Concentration at BH2A010D(G) Receptor [mg/l] - 2500 years

05% of values less than 0
10% of values less than 2.65943E-026
25% of values less than 1
50% of values less than 1
75% of values less than 2
90% of values less than 2
95% of values less than 2

Minimum 0	Maximum 2	
Mean 1.25475	Standard Deviation 0.654248	Variance 0.42804

Concentration at BH2A010D(G) Receptor [mg/l] - 5000 years

05% of values less than 0
10% of values less than 1.46504E-019
25% of values less than 1
50% of values less than 1
75% of values less than 2
90% of values less than 2
95% of values less than 2

Minimum 0	Maximum 2	
Mean 1.25475	Standard Deviation 0.654248	Variance 0.42804

Concentration at BH2A010D(G) Receptor [mg/l] - 7500 years

05% of values less than 1.57776E-026
10% of values less than 2.51757E-017
25% of values less than 1
50% of values less than 1
75% of values less than 2
90% of values less than 2
95% of values less than 2

Minimum 0	Maximum 2	
Mean 1.25475	Standard Deviation 0.654248	Variance 0.42804

p p DDT

Concentration at BH2A010D(G) Receptor [mg/l] - 10000 years

05% of values less than 4.55164E-023

10% of values less than 4.13318E-016

25% of values less than 1

50% of values less than 1

75% of values less than 2

90% of values less than 2

95% of values less than 2

Minimum 0	Maximum 2	
Mean 1.25475	Standard Deviation 0.654248	Variance 0.42804

Gamma HCH

Unretarded Travel Time to BH2A023D Receptor [years]

05% of values less than 63.5556
10% of values less than 113.332
25% of values less than 311.669
50% of values less than 1545.84
75% of values less than 4849.73
90% of values less than 10455.8
95% of values less than 13730.5

Minimum 0.332907	Maximum 24198.7	
Mean 3578.78	Standard Deviation 4586.27	Variance 2.10338E+007

Retarded Travel Time to BH2A023D Receptor [years]

05% of values less than 14314.9
10% of values less than 27793.1
25% of values less than 95771
50% of values less than 386352
75% of values less than 1.53468E+006
90% of values less than 4.19931E+006
95% of values less than 7.2217E+006

Minimum 202.998	Maximum 2.08281E+007	
Mean 1.49043E+006	Standard Deviation 2.76058E+006	Variance 7.62078E+012

p p DDT

Unretarded Travel Time to BH2A023D Receptor [years]

05% of values less than 63.5556
10% of values less than 113.332
25% of values less than 311.669
50% of values less than 1545.84
75% of values less than 4849.73
90% of values less than 10455.8
95% of values less than 13730.5

Minimum 0.332907	Maximum 24198.7	
Mean 3578.78	Standard Deviation 4586.27	Variance 2.10338E+007

Retarded Travel Time to BH2A023D Receptor [years]

05% of values less than 385759
10% of values less than 703224
25% of values less than 2.42605E+006
50% of values less than 9.20523E+006
75% of values less than 3.4721E+007
90% of values less than 7.42783E+007
95% of values less than 1.0857E+008

Minimum 2906.65	Maximum 2.52142E+008	
Mean 2.61274E+007	Standard Deviation 3.74718E+007	Variance 1.40413E+015

Gamma HCH

Concentration at BH2A023D Receptor [mg/l] - 1 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 7.3
75% of values less than 7.3
90% of values less than 7.3
95% of values less than 7.3

Minimum 0	Maximum 7.3	
Mean 3.91618	Standard Deviation 3.6421	Variance 13.2649

Concentration at BH2A023D Receptor [mg/l] - 10 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 7.3
75% of values less than 7.3
90% of values less than 7.3
95% of values less than 7.3

Minimum 0	Maximum 7.3	
Mean 3.91618	Standard Deviation 3.6421	Variance 13.2649

Concentration at BH2A023D Receptor [mg/l] - 100 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 7.3
75% of values less than 7.3
90% of values less than 7.3
95% of values less than 7.3

Minimum 0	Maximum 7.3	
Mean 3.91618	Standard Deviation 3.6421	Variance 13.2649

Concentration at BH2A023D Receptor [mg/l] - 500 years

05% of values less than 0
10% of values less than 6.37839E-030
25% of values less than 2.37781E-018
50% of values less than 7.3
75% of values less than 7.3
90% of values less than 7.3
95% of values less than 7.3

Minimum 0	Maximum 7.3	
Mean 3.91618	Standard Deviation 3.6421	Variance 13.2649

Gamma HCH

Concentration at BH2A023D Receptor [mg/l] - 1000 years

05% of values less than 7.1848E-027
10% of values less than 9.14958E-021
25% of values less than 5.3364E-015
50% of values less than 7.3
75% of values less than 7.3
90% of values less than 7.3
95% of values less than 7.3

Minimum 0	Maximum 7.3	
Mean 3.9162	Standard Deviation 3.64208	Variance 13.2648

Concentration at BH2A023D Receptor [mg/l] - 2500 years

05% of values less than 9.13428E-018
10% of values less than 2.70759E-015
25% of values less than 6.70491E-013
50% of values less than 7.3
75% of values less than 7.3
90% of values less than 7.3
95% of values less than 7.3

Minimum 0	Maximum 7.3	
Mean 3.91689	Standard Deviation 3.64136	Variance 13.2595

Concentration at BH2A023D Receptor [mg/l] - 5000 years

05% of values less than 1.05153E-014
10% of values less than 1.93241E-013
25% of values less than 1.08951E-011
50% of values less than 7.3
75% of values less than 7.3
90% of values less than 7.3
95% of values less than 7.3

Minimum 8.22527E-022	Maximum 7.3	
Mean 3.92099	Standard Deviation 3.63726	Variance 13.2297

Concentration at BH2A023D Receptor [mg/l] - 7500 years

05% of values less than 1.34418E-013
10% of values less than 9.25243E-013
25% of values less than 3.01099E-008
50% of values less than 7.3
75% of values less than 7.3
90% of values less than 7.3
95% of values less than 7.3

Minimum 1.54749E-018	Maximum 7.3	
Mean 3.92807	Standard Deviation 3.63047	Variance 13.1803

Gamma HCH

Concentration at BH2A023D Receptor [mg/l] - 10000 years

05% of values less than 4.78415E-013

10% of values less than 2.1759E-012

25% of values less than 2.31775E-006

50% of values less than 7.3

75% of values less than 7.3

90% of values less than 7.3

95% of values less than 7.3

Minimum 6.96183E-017	Maximum 7.3	
Mean 3.93716	Standard Deviation 3.62202	Variance 13.119

p p DDT

Concentration at BH2A023D Receptor [mg/l] - 1 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 1
75% of values less than 1
90% of values less than 1
95% of values less than 1

Minimum 0	Maximum 1	
Mean 0.536464	Standard Deviation 0.498918	Variance 0.248919

Concentration at BH2A023D Receptor [mg/l] - 10 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 1
75% of values less than 1
90% of values less than 1
95% of values less than 1

Minimum 0	Maximum 1	
Mean 0.536464	Standard Deviation 0.498918	Variance 0.248919

Concentration at BH2A023D Receptor [mg/l] - 100 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 1
75% of values less than 1
90% of values less than 1
95% of values less than 1

Minimum 0	Maximum 1	
Mean 0.536464	Standard Deviation 0.498918	Variance 0.248919

Concentration at BH2A023D Receptor [mg/l] - 500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 1
75% of values less than 1
90% of values less than 1
95% of values less than 1

Minimum 0	Maximum 1	
Mean 0.536464	Standard Deviation 0.498918	Variance 0.248919

p p DDT

Concentration at BH2A023D Receptor [mg/l] - 1000 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 1
75% of values less than 1
90% of values less than 1
95% of values less than 1

Minimum 0	Maximum 1	
Mean 0.536464	Standard Deviation 0.498918	Variance 0.248919

Concentration at BH2A023D Receptor [mg/l] - 2500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 1
75% of values less than 1
90% of values less than 1
95% of values less than 1

Minimum 0	Maximum 1	
Mean 0.536464	Standard Deviation 0.498918	Variance 0.248919

Concentration at BH2A023D Receptor [mg/l] - 5000 years

05% of values less than 0
10% of values less than 0
25% of values less than 5.64057E-029
50% of values less than 1
75% of values less than 1
90% of values less than 1
95% of values less than 1

Minimum 0	Maximum 1	
Mean 0.536464	Standard Deviation 0.498918	Variance 0.248919

Concentration at BH2A023D Receptor [mg/l] - 7500 years

05% of values less than 0
10% of values less than 0
25% of values less than 1.69488E-023
50% of values less than 1
75% of values less than 1
90% of values less than 1
95% of values less than 1

Minimum 0	Maximum 1	
Mean 0.536464	Standard Deviation 0.498918	Variance 0.248919

p p DDT

Concentration at BH2A023D Receptor [mg/l] - 10000 years

05% of values less than 0

10% of values less than 1.87508E-030

25% of values less than 1.0082E-020

50% of values less than 1

75% of values less than 1

90% of values less than 1

95% of values less than 1

Minimum 0	Maximum 1	
Mean 0.536464	Standard Deviation 0.498918	Variance 0.248919

Gamma HCH

Unretarded Travel Time to BH2A002D Receptor [years]

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 225.416
90% of values less than 693.074
95% of values less than 1040.21

Minimum 0	Maximum 2768.69	
Mean 200.243	Standard Deviation 392.054	Variance 153706

Retarded Travel Time to BH2A002D Receptor [years]

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 66938.3
90% of values less than 222684
95% of values less than 429138

Minimum 0	Maximum 2.17918E+006	
Mean 83720.1	Standard Deviation 220809	Variance 4.87568E+010

p p DDT

Unretarded Travel Time to BH2A002D Receptor [years]

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 225.416
90% of values less than 693.074
95% of values less than 1040.21

Minimum 0	Maximum 2768.69	
Mean 200.243	Standard Deviation 392.054	Variance 153706

Retarded Travel Time to BH2A002D Receptor [years]

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 1.4405E+006
90% of values less than 5.02279E+006
95% of values less than 8.30502E+006

Minimum 0	Maximum 2.46745E+007	
Mean 1.50494E+006	Standard Deviation 3.15259E+006	Variance 9.93882E+012

Gamma HCH

Concentration at BH2A002D Receptor [mg/l] - 1 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 7.3
75% of values less than 7.3
90% of values less than 14.6
95% of values less than 14.6

Minimum 0	Maximum 14.6	
Mean 5.53516	Standard Deviation 4.6714	Variance 21.822

Concentration at BH2A002D Receptor [mg/l] - 10 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 7.3
75% of values less than 7.3
90% of values less than 14.6
95% of values less than 14.6

Minimum 0	Maximum 14.6	
Mean 5.53516	Standard Deviation 4.6714	Variance 21.822

Concentration at BH2A002D Receptor [mg/l] - 100 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 7.3
75% of values less than 7.3
90% of values less than 14.6
95% of values less than 14.6

Minimum 0	Maximum 14.6	
Mean 5.53516	Standard Deviation 4.6714	Variance 21.822

Concentration at BH2A002D Receptor [mg/l] - 500 years

05% of values less than 0
10% of values less than 2.68149E-028
25% of values less than 5.15248E-016
50% of values less than 7.3
75% of values less than 7.3
90% of values less than 14.6
95% of values less than 14.6

Minimum 0	Maximum 14.6	
Mean 5.53517	Standard Deviation 4.6714	Variance 21.822

Gamma HCH

Concentration at BH2A002D Receptor [mg/l] - 1000 years

05% of values less than 5.89781E-026
10% of values less than 6.57074E-020
25% of values less than 9.08935E-014
50% of values less than 7.3
75% of values less than 7.3
90% of values less than 14.6
95% of values less than 14.6

Minimum 0	Maximum 14.6	
Mean 5.53522	Standard Deviation 4.67134	Variance 21.8214

Concentration at BH2A002D Receptor [mg/l] - 2500 years

05% of values less than 1.80497E-017
10% of values less than 5.74293E-015
25% of values less than 3.20269E-012
50% of values less than 7.3
75% of values less than 7.3
90% of values less than 14.6
95% of values less than 14.6

Minimum 0	Maximum 14.6	
Mean 5.53645	Standard Deviation 4.66995	Variance 21.8084

Concentration at BH2A002D Receptor [mg/l] - 5000 years

05% of values less than 1.59163E-014
10% of values less than 3.09597E-013
25% of values less than 5.2833E-008
50% of values less than 7.3
75% of values less than 7.3
90% of values less than 14.6
95% of values less than 14.6

Minimum 3.26492E-024	Maximum 14.6	
Mean 5.54249	Standard Deviation 4.66391	Variance 21.752

Concentration at BH2A002D Receptor [mg/l] - 7500 years

05% of values less than 1.86911E-013
10% of values less than 1.33314E-012
25% of values less than 1.26946E-005
50% of values less than 7.3
75% of values less than 7.3
90% of values less than 14.6
95% of values less than 14.6

Minimum 4.90669E-020	Maximum 14.6	
Mean 5.55157	Standard Deviation 4.65598	Variance 21.6782

Gamma HCH

Concentration at BH2A002D Receptor [mg/l] - 10000 years

05% of values less than 6.02517E-013

10% of values less than 3.27457E-012

25% of values less than 0.000248978

50% of values less than 7.3

75% of values less than 7.3

90% of values less than 14.6

95% of values less than 14.6

Minimum 6.24585E-018	Maximum 14.6	
Mean 5.56197	Standard Deviation 4.64781	Variance 21.6021

p p DDT

Concentration at BH2A002D Receptor [mg/l] - 1 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 1
75% of values less than 1
90% of values less than 2
95% of values less than 2

Minimum 0	Maximum 2	
Mean 0.758242	Standard Deviation 0.639918	Variance 0.409495

Concentration at BH2A002D Receptor [mg/l] - 10 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 1
75% of values less than 1
90% of values less than 2
95% of values less than 2

Minimum 0	Maximum 2	
Mean 0.758242	Standard Deviation 0.639918	Variance 0.409495

Concentration at BH2A002D Receptor [mg/l] - 100 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 1
75% of values less than 1
90% of values less than 2
95% of values less than 2

Minimum 0	Maximum 2	
Mean 0.758242	Standard Deviation 0.639918	Variance 0.409495

Concentration at BH2A002D Receptor [mg/l] - 500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 1
75% of values less than 1
90% of values less than 2
95% of values less than 2

Minimum 0	Maximum 2	
Mean 0.758242	Standard Deviation 0.639918	Variance 0.409495

p p DDT

Concentration at BH2A002D Receptor [mg/l] - 1000 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 1
75% of values less than 1
90% of values less than 2
95% of values less than 2

Minimum 0	Maximum 2	
Mean 0.758242	Standard Deviation 0.639918	Variance 0.409495

Concentration at BH2A002D Receptor [mg/l] - 2500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 1
75% of values less than 1
90% of values less than 2
95% of values less than 2

Minimum 0	Maximum 2	
Mean 0.758242	Standard Deviation 0.639918	Variance 0.409495

Concentration at BH2A002D Receptor [mg/l] - 5000 years

05% of values less than 0
10% of values less than 0
25% of values less than 6.75876E-023
50% of values less than 1
75% of values less than 1
90% of values less than 2
95% of values less than 2

Minimum 0	Maximum 2	
Mean 0.758242	Standard Deviation 0.639918	Variance 0.409495

Concentration at BH2A002D Receptor [mg/l] - 7500 years

05% of values less than 0
10% of values less than 0
25% of values less than 1.86553E-019
50% of values less than 1
75% of values less than 1
90% of values less than 2
95% of values less than 2

Minimum 0	Maximum 2	
Mean 0.758242	Standard Deviation 0.639918	Variance 0.409495

p p DDT

Concentration at BH2A002D Receptor [mg/l] - 10000 years

05% of values less than 0
10% of values less than 1.07635E-027
25% of values less than 1.05602E-017
50% of values less than 1
75% of values less than 1
90% of values less than 2
95% of values less than 2

Minimum 0	Maximum 2	
Mean 0.758242	Standard Deviation 0.639918	Variance 0.409495

Gamma HCH

Unretarded Travel Time to AWE(B) Abstraction [years]

05% of values less than 621.477
10% of values less than 778.595
25% of values less than 1279.8
50% of values less than 2388.48
75% of values less than 4702.27
90% of values less than 7434.67
95% of values less than 9226.12

Minimum 345.588	Maximum 18320	
Mean 3396.41	Standard Deviation 2828.94	Variance 8.00291E+006

Retarded Travel Time to AWE(B) Abstraction [years]

05% of values less than 99064.8
10% of values less than 145062
25% of values less than 315856
50% of values less than 748001
75% of values less than 1.66123E+006
90% of values less than 3.29517E+006
95% of values less than 4.59806E+006

Minimum 25420.2	Maximum 1.24911E+007	
Mean 1.33899E+006	Standard Deviation 1.65978E+006	Variance 2.75486E+012

p p DDT

Unretarded Travel Time to AWE(B) Abstraction [years]

05% of values less than 621.477
10% of values less than 778.595
25% of values less than 1279.8
50% of values less than 2388.48
75% of values less than 4702.27
90% of values less than 7434.67
95% of values less than 9226.12

Minimum 345.588	Maximum 18320	
Mean 3396.41	Standard Deviation 2828.94	Variance 8.00291E+006

Retarded Travel Time to AWE(B) Abstraction [years]

05% of values less than 3.07306E+006
10% of values less than 4.58536E+006
25% of values less than 8.46046E+006
50% of values less than 1.7619E+007
75% of values less than 3.32806E+007
90% of values less than 5.51681E+007
95% of values less than 6.98844E+007

Minimum 978089	Maximum 1.41204E+008	
Mean 2.45772E+007	Standard Deviation 2.26204E+007	Variance 5.11684E+014

Gamma HCH

Concentration at AWE(B) Abstraction [mg/l] - 1 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at AWE(B) Abstraction [mg/l] - 10 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at AWE(B) Abstraction [mg/l] - 100 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at AWE(B) Abstraction [mg/l] - 500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Gamma HCH

Concentration at AWE(B) Abstraction [mg/l] - 1000 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at AWE(B) Abstraction [mg/l] - 2500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at AWE(B) Abstraction [mg/l] - 5000 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at AWE(B) Abstraction [mg/l] - 7500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Gamma HCH

Concentration at AWE(B) Abstraction [mg/l] - 10000 years

05% of values less than 0

10% of values less than 0

25% of values less than 0

50% of values less than 0

75% of values less than 0

90% of values less than 0

95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

p p DDT

Concentration at AWE(B) Abstraction [mg/l] - 1 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at AWE(B) Abstraction [mg/l] - 10 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at AWE(B) Abstraction [mg/l] - 100 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at AWE(B) Abstraction [mg/l] - 500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

p p DDT

Concentration at AWE(B) Abstraction [mg/l] - 1000 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at AWE(B) Abstraction [mg/l] - 2500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at AWE(B) Abstraction [mg/l] - 5000 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at AWE(B) Abstraction [mg/l] - 7500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

p p DDT

Concentration at AWE(B) Abstraction [mg/l] - 10000 years

05% of values less than 0

10% of values less than 0

25% of values less than 0

50% of values less than 0

75% of values less than 0

90% of values less than 0

95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Gamma HCH

Unretarded Travel Time to BH2A010D(G) boundary [years]

05% of values less than 7975.6
10% of values less than 9681.99
25% of values less than 15484.3
50% of values less than 31182.1
75% of values less than 61861.3
90% of values less than 92071.7
95% of values less than 111862

Minimum 4252.54	Maximum 187231	
Mean 42386.5	Standard Deviation 33857.5	Variance 1.14633E+009

Retarded Travel Time to BH2A010D(G) boundary [years]

05% of values less than 1.22238E+006
10% of values less than 1.85961E+006
25% of values less than 3.99155E+006
50% of values less than 9.36291E+006
75% of values less than 2.01694E+007
90% of values less than 4.13226E+007
95% of values less than 6.03482E+007

Minimum 324365	Maximum 1.53829E+008	
Mean 1.68643E+007	Standard Deviation 2.107E+007	Variance 4.43945E+014

p p DDT

Unretarded Travel Time to BH2A010D(G) boundary [years]

05% of values less than 7975.6
10% of values less than 9681.99
25% of values less than 15484.3
50% of values less than 31182.1
75% of values less than 61861.3
90% of values less than 92071.7
95% of values less than 111862

Minimum 4252.54	Maximum 187231	
Mean 42386.5	Standard Deviation 33857.5	Variance 1.14633E+009

Retarded Travel Time to BH2A010D(G) boundary [years]

05% of values less than 3.92054E+007
10% of values less than 5.68154E+007
25% of values less than 1.03675E+008
50% of values less than 2.23992E+008
75% of values less than 4.17936E+008
90% of values less than 7.08088E+008
95% of values less than 9.03161E+008

Minimum 1.50376E+007	Maximum 1.62086E+009	
Mean 3.07351E+008	Standard Deviation 2.76596E+008	Variance 7.65053E+016

Gamma HCH

Concentration at BH2A010D(G) boundary [mg/l] - 1 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A010D(G) boundary [mg/l] - 10 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A010D(G) boundary [mg/l] - 100 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A010D(G) boundary [mg/l] - 500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Gamma HCH

Concentration at BH2A010D(G) boundary [mg/l] - 1000 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A010D(G) boundary [mg/l] - 2500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A010D(G) boundary [mg/l] - 5000 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 2.10191E-021	
Mean 4.02406E-024	Standard Deviation 8.89649E-023	Variance 7.91475E-045

Concentration at BH2A010D(G) boundary [mg/l] - 7500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 4.31677E-017	
Mean 8.85196E-020	Standard Deviation 1.92749E-018	Variance 3.71521E-036

Gamma HCH

Concentration at BH2A010D(G) boundary [mg/l] - 10000 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 8.08332E-015	
Mean 1.70349E-017	Standard Deviation 3.57741E-016	Variance 1.27979E-031

p p DDT

Concentration at BH2A010D(G) boundary [mg/l] - 1 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A010D(G) boundary [mg/l] - 10 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A010D(G) boundary [mg/l] - 100 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A010D(G) boundary [mg/l] - 500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

p p DDT

Concentration at BH2A010D(G) boundary [mg/l] - 1000 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A010D(G) boundary [mg/l] - 2500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A010D(G) boundary [mg/l] - 5000 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A010D(G) boundary [mg/l] - 7500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

p p DDT

Concentration at BH2A010D(G) boundary [mg/l] - 10000 years

05% of values less than 0

10% of values less than 0

25% of values less than 0

50% of values less than 0

75% of values less than 0

90% of values less than 0

95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Gamma HCH

Unretarded Travel Time to BH2A002D boundary [years]

05% of values less than 9527.86
10% of values less than 11556
25% of values less than 18478.1
50% of values less than 37425.7
75% of values less than 73893.7
90% of values less than 110213
95% of values less than 134397

Minimum 5077.82	Maximum 223640	
Mean 50791	Standard Deviation 40568.6	Variance 1.64581E+009

Retarded Travel Time to BH2A002D boundary [years]

05% of values less than 1.45897E+006
10% of values less than 2.23678E+006
25% of values less than 4.80082E+006
50% of values less than 1.1256E+007
75% of values less than 2.42131E+007
90% of values less than 4.95053E+007
95% of values less than 7.23236E+007

Minimum 387895	Maximum 1.84422E+008	
Mean 2.02108E+007	Standard Deviation 2.52618E+007	Variance 6.38157E+014

p p DDT

Unretarded Travel Time to BH2A002D boundary [years]

05% of values less than 9527.86
10% of values less than 11556
25% of values less than 18478.1
50% of values less than 37425.7
75% of values less than 73893.7
90% of values less than 110213
95% of values less than 134397

Minimum 5077.82	Maximum 223640	
Mean 50791	Standard Deviation 40568.6	Variance 1.64581E+009

Retarded Travel Time to BH2A002D boundary [years]

05% of values less than 4.70106E+007
10% of values less than 6.78207E+007
25% of values less than 1.24156E+008
50% of values less than 2.67365E+008
75% of values less than 5.00346E+008
90% of values less than 8.48775E+008
95% of values less than 1.08107E+009

Minimum 1.80682E+007	Maximum 1.94215E+009	
Mean 3.68304E+008	Standard Deviation 3.31493E+008	Variance 1.09888E+017

Gamma HCH

Concentration at BH2A002D boundary [mg/l] - 1 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A002D boundary [mg/l] - 10 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A002D boundary [mg/l] - 100 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A002D boundary [mg/l] - 500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Gamma HCH

Concentration at BH2A002D boundary [mg/l] - 1000 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A002D boundary [mg/l] - 2500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A002D boundary [mg/l] - 5000 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 6.02837E-026	
Mean 8.33805E-029	Standard Deviation 2.04024E-027	Variance 4.16257E-054

Concentration at BH2A002D boundary [mg/l] - 7500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 2.024E-019	
Mean 3.07855E-022	Standard Deviation 7.20193E-021	Variance 5.18678E-041

Gamma HCH

Concentration at BH2A002D boundary [mg/l] - 10000 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 2.62775E-016	
Mean 4.31101E-019	Standard Deviation 9.74071E-018	Variance 9.48814E-035

p p DDT

Concentration at BH2A002D boundary [mg/l] - 1 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A002D boundary [mg/l] - 10 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A002D boundary [mg/l] - 100 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A002D boundary [mg/l] - 500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

p p DDT

Concentration at BH2A002D boundary [mg/l] - 1000 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A002D boundary [mg/l] - 2500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A002D boundary [mg/l] - 5000 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A002D boundary [mg/l] - 7500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

p p DDT

Concentration at BH2A002D boundary [mg/l] - 10000 years

05% of values less than 0

10% of values less than 0

25% of values less than 0

50% of values less than 0

75% of values less than 0

90% of values less than 0

95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Gamma HCH

Unretarded Travel Time to BH2A023D boundary [years]

05% of values less than 10488.6
10% of values less than 12716
25% of values less than 20348
50% of values less than 41270.6
75% of values less than 81317.8
90% of values less than 121362
95% of values less than 148345

Minimum 5588.6	Maximum 246175	
Mean 55992.8	Standard Deviation 44722.6	Variance 2.00011E+009

Retarded Travel Time to BH2A023D boundary [years]

05% of values less than 1.60934E+006
10% of values less than 2.47022E+006
25% of values less than 5.3017E+006
50% of values less than 1.24276E+007
75% of values less than 2.67221E+007
90% of values less than 5.45192E+007
95% of values less than 7.97356E+007

Minimum 427216	Maximum 2.03357E+008	
Mean 2.22821E+007	Standard Deviation 2.78563E+007	Variance 7.75973E+014

p p DDT

Unretarded Travel Time to BH2A023D boundary [years]

05% of values less than 10488.6
10% of values less than 12716
25% of values less than 20348
50% of values less than 41270.6
75% of values less than 81317.8
90% of values less than 121362
95% of values less than 148345

Minimum 5588.6	Maximum 246175	
Mean 55992.8	Standard Deviation 44722.6	Variance 2.00011E+009

Retarded Travel Time to BH2A023D boundary [years]

05% of values less than 5.18769E+007
10% of values less than 7.46322E+007
25% of values less than 1.37027E+008
50% of values less than 2.94267E+008
75% of values less than 5.50823E+008
90% of values less than 9.35851E+008
95% of values less than 1.19071E+009

Minimum 1.99439E+007	Maximum 2.14101E+009	
Mean 4.0603E+008	Standard Deviation 3.65473E+008	Variance 1.3357E+017

Gamma HCH

Concentration at BH2A023D boundary [mg/l] - 1 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A023D boundary [mg/l] - 10 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A023D boundary [mg/l] - 100 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A023D boundary [mg/l] - 500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Gamma HCH

Concentration at BH2A023D boundary [mg/l] - 1000 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A023D boundary [mg/l] - 2500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A023D boundary [mg/l] - 5000 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 7.76613E-026	
Mean 1.14073E-028	Standard Deviation 2.70955E-027	Variance 7.34169E-054

Concentration at BH2A023D boundary [mg/l] - 7500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 2.37427E-019	
Mean 3.80126E-022	Standard Deviation 8.70797E-021	Variance 7.58287E-041

Gamma HCH

Concentration at BH2A023D boundary [mg/l] - 10000 years

05% of values less than 0

10% of values less than 0

25% of values less than 0

50% of values less than 0

75% of values less than 0

90% of values less than 0

95% of values less than 0

Minimum 0	Maximum 2.93702E-016	
Mean 5.07178E-019	Standard Deviation 1.11883E-017	Variance 1.25177E-034

p p DDT

Concentration at BH2A023D boundary [mg/l] - 1 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A023D boundary [mg/l] - 10 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A023D boundary [mg/l] - 100 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A023D boundary [mg/l] - 500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

p p DDT

Concentration at BH2A023D boundary [mg/l] - 1000 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A023D boundary [mg/l] - 2500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A023D boundary [mg/l] - 5000 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Concentration at BH2A023D boundary [mg/l] - 7500 years

05% of values less than 0
10% of values less than 0
25% of values less than 0
50% of values less than 0
75% of values less than 0
90% of values less than 0
95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

p p DDT

Concentration at BH2A023D boundary [mg/l] - 10000 years

05% of values less than 0

10% of values less than 0

25% of values less than 0

50% of values less than 0

75% of values less than 0

90% of values less than 0

95% of values less than 0

Minimum 0	Maximum 0	
Mean 0	Standard Deviation 0	Variance 0

Aquifer Flow [m³/yr]

BH2A010D(G)

05% of values less than 0.670903
10% of values less than 0.781583
25% of values less than 1.19481
50% of values less than 2.21957
75% of values less than 4.26682
90% of values less than 5.85046
95% of values less than 6.65417

Minimum 0.483542	Maximum 8.70313	
Mean 2.85185	Standard Deviation 1.96324	Variance 3.8543

BH2A023D

05% of values less than 0.678744
10% of values less than 0.790718
25% of values less than 1.20877
50% of values less than 2.24551
75% of values less than 4.29761
90% of values less than 5.86192
95% of values less than 6.48764

Minimum 0.489194	Maximum 8.31672	
Mean 2.85421	Standard Deviation 1.9328	Variance 3.73572

BH2A002D

05% of values less than 0.671195
10% of values less than 0.781924
25% of values less than 1.19533
50% of values less than 2.22053
75% of values less than 4.23823
90% of values less than 5.74439
95% of values less than 6.29031

Minimum 0.483753	Maximum 7.86621	
Mean 2.81449	Standard Deviation 1.89298	Variance 3.58339