

[SUMMARY OF FINAL SUBMITTED VERSION]**PROGRESS REPORT BY PERMITTEE FOR 2011**

Primary Owner: CARMICHAEL WATER DISTRICT

Application Number: A012367

Permit Number: 007356

Date Submitted: 2012-06-28

1. Permit Review

I have reviewed my water right permit	Yes
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2. Compliance with Permit Terms and Conditions

I am complying with all terms and conditions	Yes
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Description of noncompliance with terms and conditions	
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3. Changes to the Project

Intake location has been changed	
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Description of intake location changes	
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Type of use has changed	
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Description of type of use changes	
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Place of use has changed	
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Description of place of use changes	
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Other changes	
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Description of other changes	
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4-6. Permitted Project Status

Project Status	Not Complete
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6a. Construction work has commenced	Yes
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6b. Construction is completed	No
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6c. Beneficial uses of water has commenced	Yes
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6d. Project will be completed within the time period specified in the permit	No
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6e. Explanation of work remaining to be done	The District is currently using nearly all of its daily diversion maximum related to this water right in certain times of the year. Work remaining to be done will include expanded domestic and municipal growth within CWD's service area. All major diversion and conveyance facilities are complete.
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6f. Estimated date of completion	01/01/2050
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7. Purpose of Use

Domestic	11215.0 Connections
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Irrigation	1485 Acres Mixed Crop Types
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Municipal	38354
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8. Amount of Water Diverted and Used

Month	Amount directly diverted or collected to storage (Acre-Feet)	Amount used (Acre-Feet)

January	402.9	402.9
February	366.7	366.7
March	382.6	382.6
April	564	564
May	777	777
June	792.9	792.9
July	997.3	997.3
August	981.7	981.7
September	908.6	908.6
October	689.8	689.8
November	497.4	497.4
December	487.9	487.9
Total	7848.8	7848.8

9. Maximum Rate of Diversion for each Month

Month	Maximum Rate of Diversion (CFS)
January	18.3
February	13.5
March	14
April	24.4
May	25
June	25
July	25
August	25
September	25
October	25
November	24.3
December	14.7

10. Storage

Reservoir name	Spilled this year	Feet below spillway at maximum storage	Completely emptied	Feet below spillway at minimum storage	Method used to measure water level

Conservation of Water

11. Are you now employing water conservation efforts?	Yes
Description of water conservation efforts	CWD is implementing all BMPs, MWELO requirements as well as independent water saving and conservation actions. The District is in the process of quantifying its water savings from these conservation activities and will memorialize those savings for future reference. The number 0 below (in answer to question 12 in the report of licensee) is not indicative of the District's intent in getting water credit for its water conservation efforts under WC 1011.
12. Amount of water conserved	0 Acre-Feet

Water Quality and Wastewater Reclamation

13. During the period covered by this Report, did you use reclaimed water from a wastewater treatment facility, water from a desalination facility, or water polluted by waste to a degree which	Yes
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unreasonably affects the water for other beneficial uses?	
14. Amount of reclaimed, desalinated, or polluted water used	153.5 Acre-Feet

Conjunctive Use of Groundwater and Surface Water

15. During the period covered by this Report, were you using groundwater in lieu of available surface water authorized under your permit?	Yes
16. Amounts of groundwater used	1468.7 Acre-Feet

Additional Remarks

CWD currently diverts water under all of its water rights and permits. It is also taking active steps to calculate water savings from directed conservation activities, groundwater substitution, recycled water substitution, and other water conservation and conjunctive management activities. The water conservation numbers, water reclamation numbers, and groundwater substitution numbers indicated in this document reflect only a single year and may be variable based upon conditions, climate, and other relevant factors.

Attachments

File Name	Description	Size
No Attachments		

Contact Information of the Person Submitting the Form

First Name	Chris
Last Name	Nelson
Relation to Water Right	Authorized Official
Has read the form and agrees the information in the report is true to the best of his/her knowledge and belief	Yes

[SUMMARY OF FINAL SUBMITTED VERSION]**PROGRESS REPORT BY PERMITTEE FOR 2012**

Primary Owner: CARMICHAEL WATER DISTRICT
 Primary Contact: CARMICHAEL WATER DISTRICT

Date Submitted: 2013-06-19

Application Number: A012367
 Permit Number: 007356

Source(s) of Water	POD Parcel Number	County
AMERICAN RIVER		Sacramento
AMERICAN RIVER		Sacramento

MAX Direct Diversion Rate: 25.0 CFS
 MAX Collection to Storage: 0.0 AC-FT
 Face Value: 18099.4 AC-FT

Permitted Use(s)	Acres	Direct Diversion Season	Storage Season
Domestic	0.0	01/01 to 12/31	
Irrigation			
Irrigation	4500.0	01/01 to 12/31	
Municipal	0.0	01/01 to 12/31	

1. Permit Review

I have reviewed my water right permit	Yes
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2. Compliance with Permit Terms and Conditions

I am complying with all terms and conditions	Yes
Description of noncompliance with terms and conditions	

3. Changes to the Project

Intake location has been changed	
Description of intake location changes	
Type of use has changed	
Description of type of use changes	
Place of use has changed	
Description of place of use changes	
Other changes	
Description of other changes	

4-6. Permitted Project Status

Project Status	Not Complete
6a. Construction work has commenced	Yes
6b. Construction is completed	Yes
6c. Beneficial uses of water has commenced	Yes
6d. Project will be completed within the time period specified in the permit	No

6e. Explanation of work remaining to be done	The District is currently using nearly all of its daily diversion maximum related to this water right in certain times of the year. Work remaining to be done will include expanded domestic and municipal growth within CWD's service area. All major diversion and conveyance facilities are complete.
6f. Estimated date of completion	01/01/2050

7. Purpose of Use

Domestic	11302 connections
Irrigation	1485 Acres Mixed Crop Types
Municipal	41597

8. Amount of Water Diverted and Used

Month	Amount directly diverted or collected to storage (Acre-Feet)	Amount used (Acre-Feet)
January	49	49
February	42	42
March	43	43
April	48	48
May	3	3
June	3	3
July	4	4
August	3	3
September	3	3
October	3	3
November	46	46
December	38	38
Total	285	285
Comments		

9. Maximum Rate of Diversion for each Month

Month	Maximum Rate of Diversion (CFS)
January	4.1
February	2.9
March	2.2
April	3.9
May	3.1
June	10
July	15.3
August	14.6
September	11.9
October	6.3
November	3.8
December	0.5

10. Storage

Reservoir name	Spilled this year	Feet below spillway at maximum storage	Completely emptied	Feet below spillway at minimum storage	Method used to measure water level

Conservation of Water

11. Are you now employing water conservation efforts?	Yes
Description of water conservation efforts	Carmichael has ongoing conservation programs and is completing its meter retrofit program. Conserved water is shared under all three of Carmichael's water rights. Currently estimated conservation results from reduced surface water demand. CWD is implementing all BMPs, MWELO requirements, as well as independent water savings and conservation actions. These conservation savings are quantified below.
12. Amount of water conserved	2722 Acre-Feet

Water Quality and Wastewater Reclamation

13. During the period covered by this Report, did you use reclaimed water from a wastewater treatment facility, water from a desalination facility, or water polluted by waste to a degree which unreasonably affects the water for other beneficial uses?	Yes
14. Amount of reclaimed, desalinated, or polluted water used	2403 Acre-Feet

Conjunctive Use of Groundwater and Surface Water

15. During the period covered by this Report, were you using groundwater in lieu of available surface water authorized under your permit?	Yes
16. Amounts of groundwater used	1580 Acre-Feet

Additional Remarks

CWD currently diverts water under all of its water rights and permits. It is undertaking directed conservation activities, groundwater substitution, recycled water substitution, water remediation use, and other water conservation and conjunctive management activities. The water conservation numbers, water reclamation numbers, and groundwater substitution numbers indicated in this document reflect only a single year and may be variable based upon conditions, climate, and other relevant factors.

Attachments

File Name	Description	Size
No Attachments		

Contact Information of the Person Submitting the Form

First Name	Gwyn-Mohr
Last Name	Tully
Relation to Water Right	Agent
Has read the form and agrees the information in the report is true to the best of his/her knowledge and belief	Yes

[SUMMARY OF FINAL SUBMITTED VERSION]**PROGRESS REPORT BY PERMITTEE FOR 2013**

Primary Owner: CARMICHAEL WATER DISTRICT
 Primary Contact: CARMICHAEL WATER DISTRICT

Date Submitted: 2014-06-27

Application Number: A012367
 Permit Number: 007356

Source(s) of Water	POD Parcel Number	County
AMERICAN RIVER		Sacramento
AMERICAN RIVER		Sacramento

MAX Direct Diversion Rate: 25.0 CFS
 MAX Collection to Storage: 0.0 AC-FT
 Face Value: 18099.4 AC-FT

Permitted Use(s)	Acres	Direct Diversion Season	Storage Season
Domestic	0.0	01/01 to 12/31	
Irrigation	4500.0	01/01 to 12/31	
Municipal	0.0	01/01 to 12/31	

1. Permit Review

I have reviewed my water right permit	Yes
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2. Compliance with Permit Terms and Conditions

I am complying with all terms and conditions	Yes
Description of noncompliance with terms and conditions	

3. Changes to the Project

Intake location has been changed	
Description of intake location changes	
Type of use has changed	
Description of type of use changes	
Place of use has changed	
Description of place of use changes	
Other changes	
Description of other changes	

4-6. Permitted Project Status

Project Status	Not Complete
6a. Construction work has commenced	Yes
6b. Construction is completed	Yes
6c. Beneficial uses of water has commenced	Yes
6d. Project will be completed within the time period specified in the permit	No
The District is currently using nearly all of its daily diversion maximum related to this	

6e. Explanation of work remaining to be done	water right in certain times of the year. Work remaining to be done will include expanded domestic and municipal growth within CWD's service area. All major diversion and conveyance facilities are complete.
6f. Estimated date of completion	01/01/2050

7. Purpose of Use

Domestic	11324 connections
Irrigation	1485 Acres Mixed Crop Types
Municipal	39515

8. Amount of Water Diverted and Used

Month	Amount directly diverted or collected to storage (Acre-Feet)	Amount used (Acre-Feet)
January	38	38
February	40	40
March	58	58
April	7	7
May	3	3
June	3	3
July	3	3
August	3	3
September	3	3
October	3	3
November	66	66
December	50	50
Total	277	277
Comments		

9. Maximum Rate of Diversion for each Month

Month	Maximum Rate of Diversion (CFS)
January	0.4
February	2.4
March	7.1
April	9.5
May	5.1
June	10.1
July	14.1
August	10.6
September	4.7
October	2.8
November	9.8
December	4.4

10. Storage

Reservoir name	Spilled this year	Feet below spillway at maximum storage	Completely emptied	Feet below spillway at minimum storage	Method used to measure water level

Conservation of Water

11. Are you now employing water conservation efforts?	Yes
Description of water conservation efforts	Carmichael has ongoing conservation programs and is completing its meter retrofit program. Conserved water is shared under all three of Carmichael's water rights. Currently estimated conservation results from reduced surface water demand. CWD is implementing all BMPs, MWELO requirements, as well as independent water savings and conservation actions. These conservation savings are quantified below.
12. Amount of water conserved	2202 Acre-Feet

Water Quality and Wastewater Reclamation

13. During the period covered by this Report, did you use reclaimed water from a wastewater treatment facility, water from a desalination facility, or water polluted by waste to a degree which unreasonably affects the water for other beneficial uses?	Yes
14. Amount of reclaimed, desalinated, or polluted water used	2400 Acre-Feet

Conjunctive Use of Groundwater and Surface Water

15. During the period covered by this Report, were you using groundwater in lieu of available surface water authorized under your permit?	Yes
16. Amounts of groundwater used	2031 Acre-Feet

Additional Remarks

CWD currently diverts water under all of its water rights and permits. It is undertaking directed conservation activities, groundwater substitution, recycled water substitution, water remediation use, and other water conservation and conjunctive management activities. The water conservation numbers, water reclamation numbers, and groundwater substitution numbers indicated in this document reflect only a single year and may be variable based upon conditions, climate, and other relevant factors.

Attachments

File Name	Description	Size
No Attachments		

Contact Information of the Person Submitting the Form

First Name	Tully & Young, Inc.
Last Name	
Relation to Water Right	Other: authorized official
Has read the form and agrees the information in the report is true to the best of his/her knowledge and belief	Yes

[SUMMARY OF FINAL SUBMITTED VERSION]**PROGRESS REPORT BY PERMITTEE FOR 2014**

Primary Owner: CARMICHAEL WATER DISTRICT
 Primary Contact: CARMICHAEL WATER DISTRICT

Date Submitted: 2015-06-29

Application Number: A012367
 Permit Number: 007356

Source(s) of Water	POD Parcel Number	County
AMERICAN RIVER		Sacramento
AMERICAN RIVER		Sacramento

MAX Direct Diversion Rate: 25.0 CFS
 MAX Collection to Storage: 0.0 AC-FT
 Face Value: 18099.4 AC-FT

Permitted Use(s)	Acres	Direct Diversion Season	Storage Season
Domestic	0.0	01/01 to 12/31	
Irrigation	4500.0	01/01 to 12/31	
Municipal	0.0	01/01 to 12/31	

1. Permit Review

I have reviewed my water right permit	Yes
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2. Compliance with Permit Terms and Conditions

I am complying with all terms and conditions	Yes
Description of noncompliance with terms and conditions	

3. Changes to the Project

Intake location has been changed	
Description of intake location changes	
Type of use has changed	
Description of type of use changes	
Place of use has changed	
Description of place of use changes	
Other changes	
Description of other changes	

4-6. Permitted Project Status

Project Status	Not Complete
6a. Construction work has commenced	Yes
6b. Construction is completed	Yes
6c. Beneficial uses of water has commenced	Yes
6d. Project will be completed within the time period specified in the permit	No
The District is currently using nearly all of its daily diversion maximum related to this	

6e. Explanation of work remaining to be done	water right in certain times of the year. Work remaining to be done will include expanded domestic and municipal growth within CWD's service area. All major diversion and conveyance facilities are complete.
6f. Estimated date of completion	01/01/2050

7. Purpose of Use

Domestic	11242 connections
Irrigation	1485 Acres Mixed Crop Types
Municipal	37903

8. Amount of Water Diverted and Used

Month	Amount directly diverted (Acre-Feet)	Amount diverted or collected to storage (Acre-Feet)	Amount used (Acre-Feet)
January	49	49	49
February	0	0	0
March	41	41	41
April	1	1	1
May	0	0	0
June	0	0	0
July	0	0	0
August	0	0	0
September	0	0	0
October	0	0	0
November	0	0	0
December	0	0	0
Total	91	91	91
Comments	Months with zero diversion were due to the right being curtailed for some of 2014 and drought related conservation efforts reducing the surface water demand on the system.		

Water Transfers

8e. Water transferred	No
8f. Quantity transferred (Acre-Feet)	
8g. Dates which transfer occurred	/ to /
8h. Transfer approved by	

Water Supply Contracts

8i. Water supply contract	No
8j. Contract with	
8k. Other provider	
8l. Contract number	
8m. Source from which contract water was diverted	
8n. Point of diversion same as identified water right	
8o. Amount (Acre-Feet) authorized to divert under this contract	
8p. Amount (Acre-Feet) authorized to be diverted in 2014	
8q. Amount (Acre-Feet) projected for 2015	
8r. Exchange or settlement of prior rights	
8s. All monthly reported diversion claimed under the prior rights	
8t. Amount (Acre-Feet) of reported diversion solely under contract	

9. Maximum Rate of Diversion for each Month

Month	Maximum Rate of Diversion (CFS)
January	3.05
February	0
March	0.38
April	2.75
May	0
June	0
July	0
August	0
September	0
October	0
November	0
December	0

10. Storage

Reservoir name	Spilled this year	Feet below spillway at maximum storage	Completely emptied	Feet below spillway at minimum storage	Method used to measure water level

Conservation of Water

11. Are you now employing water conservation efforts?	Yes
Description of water conservation efforts	Severe drought conservation was in effect for this reporting period. This included strict water waste provisions as well as fines for non-compliance.
12. Amount of water conserved	4243 Acre-Feet

Water Quality and Wastewater Reclamation

13. During the period covered by this Report, did you use reclaimed water from a wastewater treatment facility, water from a desalination facility, or water polluted by waste to a degree which unreasonably affects the water for other beneficial uses?	Yes
14. Amount of reclaimed, desalinated, or polluted water used	2501 Acre-Feet

Conjunctive Use of Groundwater and Surface Water

15. During the period covered by this Report, were you using groundwater in lieu of available surface water authorized under your permit?	Yes
16. Amounts of groundwater used	3417 Acre-Feet

Additional Remarks

CWD currently diverts water under all of its water rights and permits. It is undertaking directed conservation activities, groundwater substitution, recycled water substitution, water remediation use, and other water conservation and conjunctive management activities. The water conservation numbers, water reclamation numbers, and groundwater substitution numbers indicated in this document reflect only a single year and may be variable based upon conditions, climate, and other relevant factors such as the post-14 water rights curtailment.

Attachments

File Name	Description	Size
No Attachments		

Contact Information of the Person Submitting the Form

First Name	Tully & Young, Inc.
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Last Name	
Relation to Water Right	Other: Authorized Official
Has read the form and agrees the information in the report is true to the best of his/her knowledge and belief	Yes

[SUMMARY OF FINAL SUBMITTED VERSION]**PROGRESS REPORT BY PERMITTEE FOR 2015**

Primary Owner: CARMICHAEL WATER DISTRICT
 Primary Contact: CARMICHAEL WATER DISTRICT

Date Submitted: 2016-06-29

Application Number: A012367
 Permit Number: 007356

Source(s) of Water	POD Parcel Number	County
AMERICAN RIVER		Sacramento
AMERICAN RIVER		Sacramento

MAX Direct Diversion Rate: 25.0 CFS
 MAX Collection to Storage: 0.0 AC-FT
 Face Value: 18099.4 AC-FT

Permitted Use(s)	Acres	Direct Diversion Season	Storage Season
Domestic	0.0	01/01 to 12/31	
Irrigation	4500.0	01/01 to 12/31	
Municipal	0.0	01/01 to 12/31	

1. Permit Review

I have reviewed my water right permit	Yes
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2. Compliance with Permit Terms and Conditions

I am complying with all terms and conditions	Yes
Description of noncompliance with terms and conditions	

3. Changes to the Project

Intake location has been changed	
Description of intake location changes	
Type of use has changed	
Description of type of use changes	
Place of use has changed	
Description of place of use changes	
Other changes	
Description of other changes	

4-6. Permitted Project Status

Project Status	Not Complete
6a. Construction work has commenced	Yes
6b. Construction is completed	Yes
6c. Beneficial uses of water has commenced	Yes
6d. Project will be completed within the time period specified in the permit	No
The District is currently using nearly all of its daily diversion maximum related to this	

6e. Explanation of work remaining to be done	water right in certain times of the year. Work remaining to be done will include expanded domestic and municipal growth within CWD's service area. All major diversion and conveyance facilities are complete.
6f. Estimated date of completion	01/01/2050

7. Purpose of Use

Domestic	11,675 connections
Irrigation	1485 Acres Mixed Crop Types
Municipal	37897

8. Amount of Water Diverted and Used

Month	Amount directly diverted (Acre-Feet)	Amount diverted or collected to storage (Acre-Feet)	Amount used (Acre-Feet)
January	0	0	0
February	0	0	0
March	52	0	52
April	1	0	1
May	0	0	0
June	0	0	0
July	0	0	0
August	0	0	0
September	0	0	0
October	0	0	0
November	40	0	40
December	0	0	0
Total	93	0	93
Type of Diversion	Direct Diversion Only		
Comments	Months with zero diversion were due to the right being curtailed for some of 2015 and drought related conservation efforts reducing the surface water demand on the system.		

Water Transfers

8e. Water transfered	No
8f. Quantity transfered (Acre-Feet)	
8g. Dates which transfer occurred	/ to /
8h. Transfer approved by	

Water Supply Contracts

8i. Water supply contract	No
8j. Contract with	
8k. Other provider	
8l. Contract number	
8m. Source from which contract water was diverted	
8n. Point of diversion same as identified water right	
8o. Amount (Acre-Feet) authorized to divert under this contract	
8p. Amount (Acre-Feet) authorized to be diverted in 2015	
8q. Amount (Acre-Feet) projected for 2016	
8r. Exchange or settlement of prior rights	
8s. All monthly reported diversion claimed under the prior rights	
8t. Amount (Acre-Feet) of reported diversion solely under contract	

9. Maximum Rate of Diversion for each Month

Month	Maximum Rate of Diversion (CFS)
January	0
February	0
March	4.93
April	2.59
May	0
June	0
July	0
August	0
September	0
October	0
November	11.51
December	0

10. Storage

Reservoir name	Spilled this year	Feet below spillway at maximum storage	Completely emptied	Feet below spillway at minimum storage	Method used to measure water level

Conservation of Water

11. Are you now employing water conservation efforts?	Yes
Description of water conservation efforts	Severe drought conservation was in effect for this reporting period. This included strict water waste provisions as well as fines for non-compliance.
12. Amount of water conserved	5460.62 Acre-Feet

Water Quality and Wastewater Reclamation

13. During the period covered by this Report, did you use reclaimed water from a wastewater treatment facility, water from a desalination facility, or water polluted by waste to a degree which unreasonably affects the water for other beneficial uses?	Yes
14. Amount of reclaimed, desalinated, or polluted water used	2169 Acre-Feet

Conjunctive Use of Groundwater and Surface Water

15. During the period covered by this Report, were you using groundwater in lieu of available surface water authorized under your permit?	Yes
16. Amounts of groundwater used	4712 Acre-Feet

Additional Remarks

CWD currently diverts water under all of its water rights and permits. It is undertaking directed conservation activities, groundwater substitution, recycled water substitution, water remediation use, and other water conservation and conjunctive management activities. The water conservation numbers, water reclamation numbers, and groundwater substitution numbers indicated in this document reflect only a single year and may be variable based upon conditions, climate, and other relevant factors such as the post-14 water rights curtailment.

Attachments

File Name	Description	Size
No Attachments		

Contact Information of the Person Submitting the Form	
First Name	Tully & Young, Inc.
Last Name	
Relation to Water Right	Other: Authorized Official
Has read the form and agrees the information in the report is true to the best of his/her knowledge and belief	Yes